Canon

SELPHY ES2/ES20

COMPACT PHOTO PRINTER

Printer User Guide



ENGLISH

PictBridge DIRECT PRINT DPOF Exif Print SD HC miniSD HC

CEL-SH1HA210

© 2007 CANON INC.

What You Can Do with Your SELPHY

Enjoy printing images with your SELPHY printer.

Creative Print

- **Add Frames** ..... p. 33



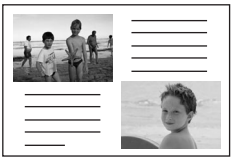
- **Add Clip Art Stamps** ..... p. 34



- **Create a Calendar** ..... p. 35



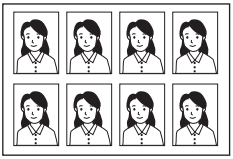
- **Print a Picture Diary** ..... p. 37



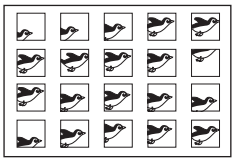
- **Add a Speech Bubble** ..... p. 38



- **Create ID Photos** ..... p. 39



- **Print a Movie** ..... p. 41



- **Print with Effects (SELPHY ES2 only)** ... p. 42



Print Settings

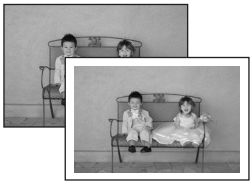
■ **Print the Date** ..... p. 47



■ **Print the Image Number** ..... p. 47



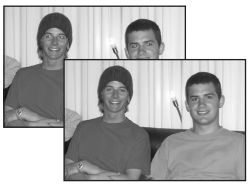
■ **Add Borders to an Image** ..... p. 47



■ **Print after Selecting a Page Layout** ..... p. 47



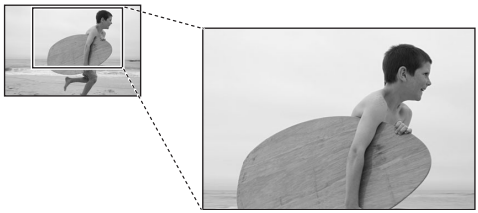
■ **Print after Red-Eye Correction** ..... p. 47



■ **Print after Adjusting the Brightness** ..... p. 47

■ **Print in Sepia, or Black and White** ..... p. 47

■ **You can enlarge and print a portion of an image** ..... p. 44



EZ Navigator

Select how you wish to use your SELPHY printer.

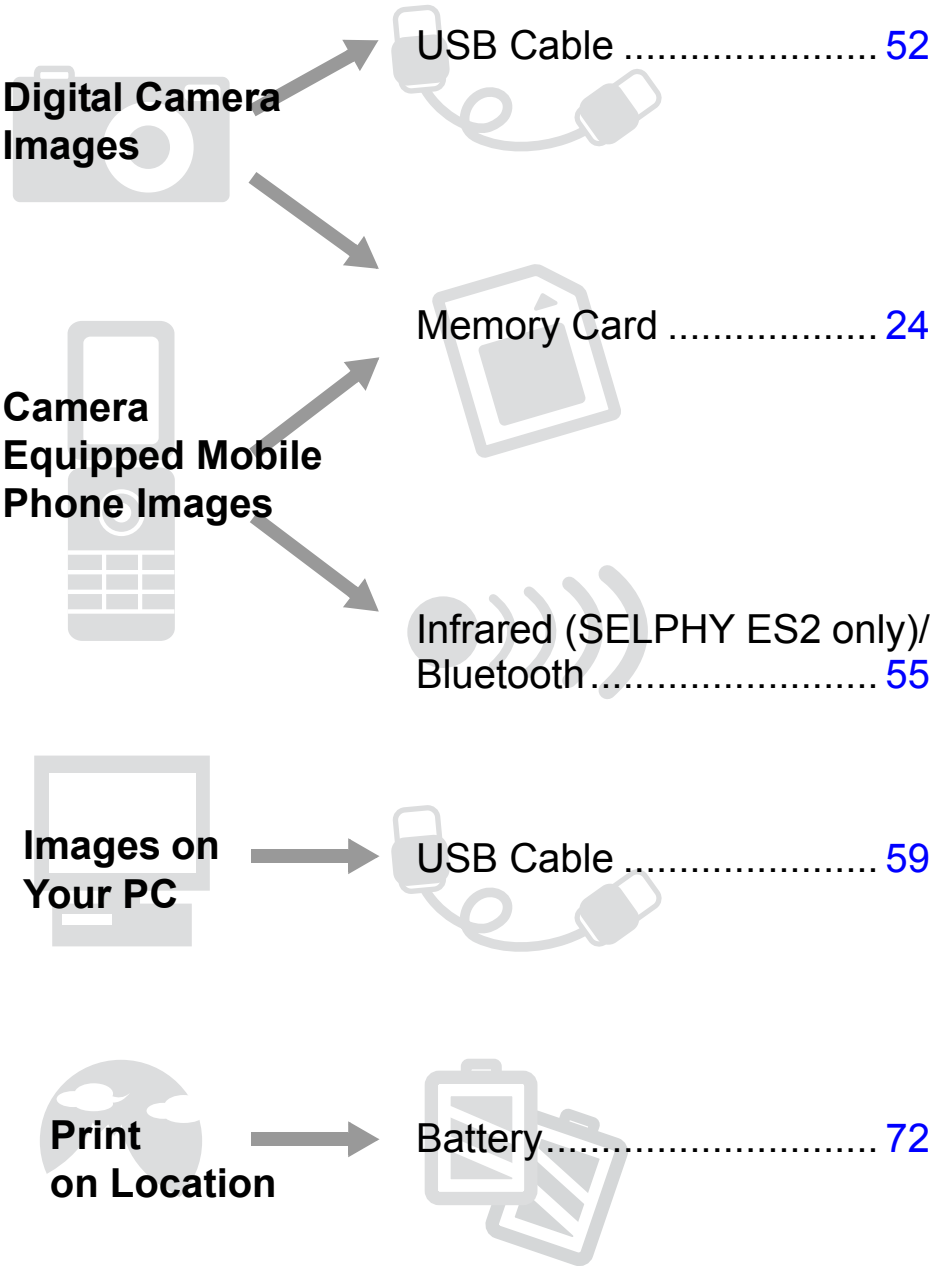


Table of Contents

What You Can Do with Your SELPHY 2

About This Guide 6

Getting Started 7

Printing from Memory Cards 24

Printing from Camera 52

Printing from a Mobile Phone (Wireless Printing) 55

Printing from a PC 59

Using the Battery Pack (SELPHY ES2 only) 72

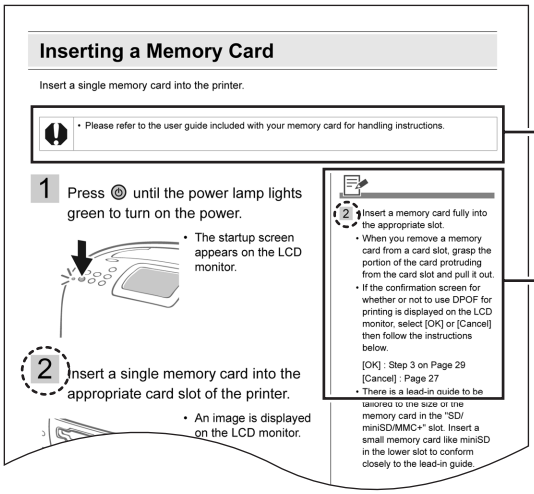
Appendix 77

Troubleshooting 92

Index 101

Before using your printer for the first time, please read through the Safety Precautions (p. 84) and the Handling Precautions (p. 87).

Conventions Used in this Guide



This mark denotes issues that may affect the printer's operation.

This mark denotes additional topics that complement the basic operating procedures. The number refers to the corresponding step.

- Use the "Easy Photo Pack" which is an ink and paper integrated cartridge in the SELPHY ES series. This is referred to as "Easy Photo Pack" or "cartridge" in this guide.
- This printer can be used with various types of media, such as, SD*1 memory cards or MultiMediaCards*2 (p. 25).
  These types of media are referred to as "memory cards" in this guide.
- General "camera" descriptions in this guide refer to digital cameras or digital camcorders compatible with the SELPHY ES2/ES20. The explanations in this guide use Canon digital cameras.
- This guide primarily uses illustrations of the SELPHY ES2 and its LCD monitor. Unless otherwise noted, the instructions are the same for the SELPHY ES20. Similarly, the screen shots from the LCD monitor show a "P" for the Postcard-Size ink and paper integrated cartridge.
- Illustrations and screen examples shown in this guide may differ slightly from the actual printer.

*1 SD is an acronym for Secure Digital.
*2 Reduced-Size MultiMediaCard is referred to as "RS-MMC."



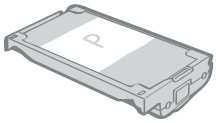
Getting Started

Check the Package Contents

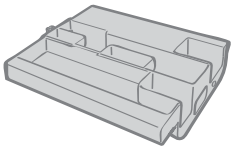
The package contains the following accessories. If there is anything missing, please contact the store where you purchased this product.



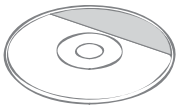
Main Printer Unit



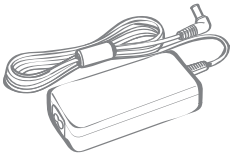
10 Print Trial Cartridge
(Postcard size)



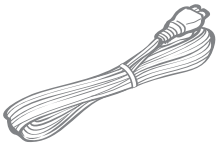
Cleaner Unit
(Inserted prior to shipment)



Compact Photo Printer
Solution Disk



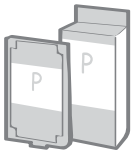
Compact Power Adapter
(CA-ES100)



Power Cord

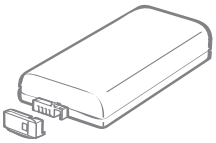
- SELPHY Beginner's Guide
- European Warranty System (EWS) Booklet

Accessories (Sold Separately)



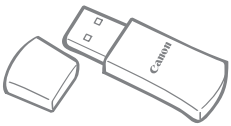
Cartridge

Ink and paper integrated cartridge.
The cartridge differs depending on the paper size and ink type.
Please refer to the Cartridge Type table below.



Battery Pack NB-ES1L

You can print outdoors, or at locations without a power outlet (p. 72) (SELPHY ES2 only).



Bluetooth Unit BU-20

You can print wirelessly from a Bluetooth-enabled mobile phone (p. 57).

Cartridge Type

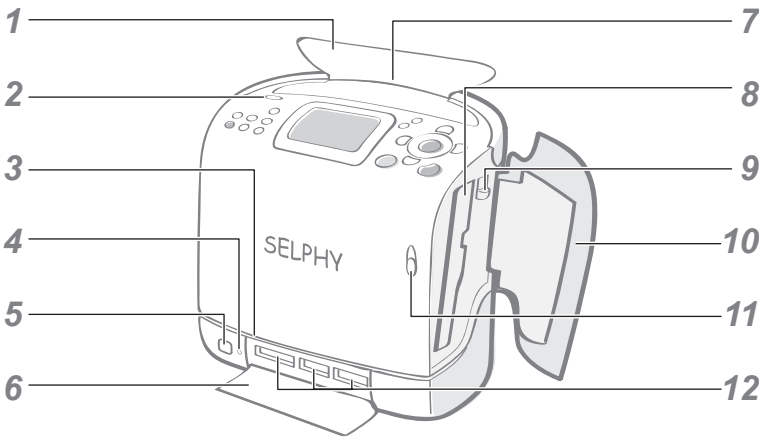
Paper Size	Ink Type	Name (Product No.)	No. of Sheets	Color of Cartridge
Postcard size (100 x 148mm) (4 x 6 in.)	Color	Easy Photo Pack E-P100	100	Green
		Easy Photo Pack E-P50	50	
	BW	Easy Photo Pack E-P25BW	25	Gray
L size (89 x 119mm) (3.5 x 4.7 in.)	Color	Easy Photo Pack E-L100	100	Blue
		Easy Photo Pack E-L50	50	
Card size (54 x 86mm) (2.1 x 3.4 in.)	Color	Easy Photo Pack E-C25	25	Orange
		Easy Photo Pack E-C25L*	25	

* Card-sized label sheet.

Components Guide

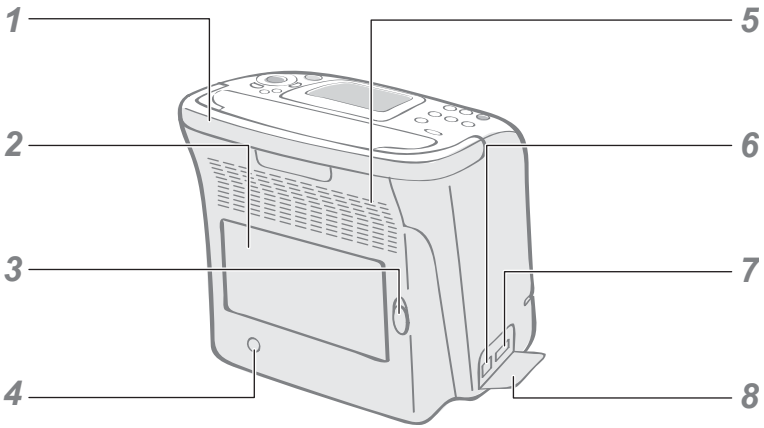
For more information, refer to the listed page.

Front View



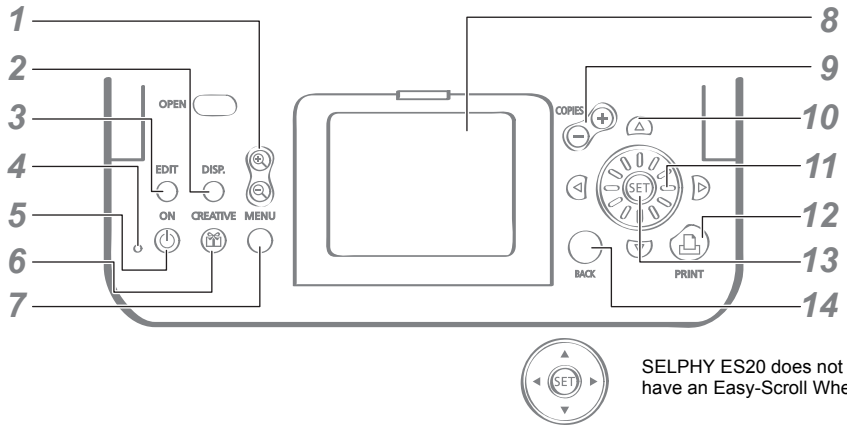
1	Print Receptacle Cover	Opens automatically when printing starts.
2	Print Receptacle Button	Press to manually open the print receptacle cover.
3	Paper-Handling Slot	Paper projects from this slot while printing is in progress.
4	Indicator Lamp	Blinks/lights green when a memory card is accessed.
5	Infrared Data Receiver	Receives infrared data from a mobile phone (SELPHY ES2 only).
6	Card Slot Cover	Open to insert a memory card or card adapter with a memory card inserted.
7	Print Receptacle (Output Tray)	Paper is deposited here after printing.
8	Cartridge Compartment	The cartridge is inserted into this compartment.
9	Cartridge Lever	Slide down to eject a cartridge.
10	Cartridge Cover	Open to replace a cartridge.
11	Cartridge Cover Lever	Slide up to open the cartridge cover.
12	Card Slots	These are for inserting a memory card or card adapter with a memory card inserted (p. 25).

Back View



1	Carrying Handle	Used for carrying the printer (p. 83).
2	Battery Cover (SELPHY ES2 only)	Remove to install a battery pack.
3	Battery Cover Lever (SELPHY ES2 only)	Slide up to remove the battery cover.
4	DC IN (Power Input) Terminal	Connects to the compact power adapter.
5	Air Vents	Dissipates heat inside the printer.
6	USB Terminal for PC Connection	For USB connection to your PC using a commercially available USB cable.
7	USB Terminal for Camera Connection	Connects to a camera using the interface cable, or Bluetooth unit (sold separately).
8	Terminal Cover	Open to connect a USB cable, interface cable supplied with a camera, or Bluetooth unit.

Controls



SELPHY ES20 does not have an Easy-Scroll Wheel.

1	(Enlarge, Reduce) Button	Displays an enlarged or reduced view of the image (p. 13).
2	(DISP.) Button	Displays the properties of the selected image (p. 14).
3	(EDIT) Button	Used when editing an image, such as enlarging and printing a portion of the image (trimming).
4	Power Lamp	Indicates the printer status. Lit Green: Power on Blinking Green: Printing or communicating Lit Orange: Charging the battery pack (SELPHY ES2 only) Blinking Orange: Battery pack depleted or temperature is not within the operating temperature range for charging (p. 74) (SELPHY ES2 only) Lit Red: Error (p. 96) Blinking Red: Error (p. 96)
5	(ON) Button	Turns the printer's power on when pushed until the power lamp lights green.
6	(CREATIVE) Button	Displays the Creative Print menu (p. 31).
7	(MENU) Button	Displays the menu screen. Print All Photos (p. 28) Creative Print (p. 31) DPOF Print (p. 29) Auto Play (p. 30) Print Settings (p. 46) Printer Setup (p. 78)

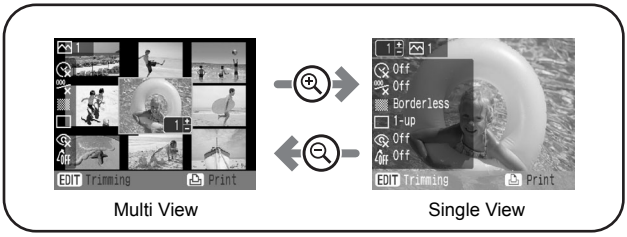
8	LCD Monitor	Displays images, setting screens, and error messages.
9	⊕⊖ (COPIES) Button	Specify the number of prints for a selected image.
10	▲, ▼, ◀, ▶ (Up, Down, Left, Right) Buttons	Used for selecting images, menu items, changing settings, moving trimming frames, etc.
11	Easy-Scroll Wheel (SELPHY ES2 only)	Used instead of ▲, ▼, ◀, ▶ (excluding some functions).
12	(PRINT) Button	Starts printing.
13	(SET) Button	Confirms settings.
14	◯ (BACK) Button	Cancels a setting, and returns to the original screen of each setting screen. Cancels printing.

LCD Monitor

Main Display

- The Main Display is the screen that displays the images on a memory card after turning the power on.
- You can switch between Multi View or Single View by pressing 🔍 or 🔍 in the Main Display.

Main Display



Multi View Single View

- The view that was displayed when the power was turned off (Multi View or Single View), will display again when the power is turned on. The default view is Multi View.
- Single View is used for the screen samples in this guide.

Enlarged View

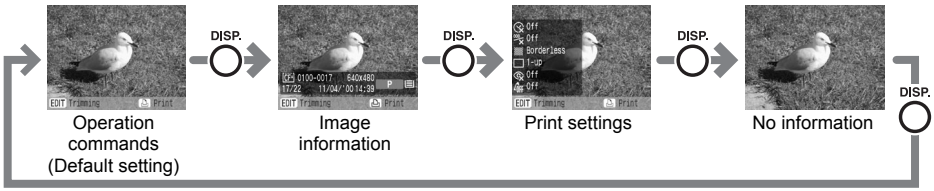
You can enlarge an image by pressing 🔍 in Single View. Press 🔍 to return to Single View.

Switching the View to 9 Images at a Time

You can display the previous or next 9 images by pressing ◀ or ▶ after pressing 🔍 in Multi View. Press 🔍 to return to Single View.

Information Views

You can switch the image information views by pressing ○ (DISP.).



No information displays only in Single View or Enlarged View.

Sample View of the LCD Monitor

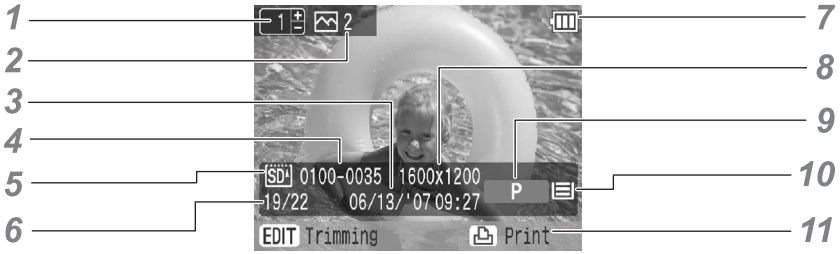


Image information

1	Number of Prints for the Selected Image	Displays the number of prints for the selected image.
2	Total Number of Prints	Displays the total number of images to print.
3	Time and Date	Displays the date and time the image was shot.
4	File Number	Displays the image number.
5	Memory Card	Displays the slot in which a memory card is inserted. CF : CF, microdrive slot SD : SD, miniSD, MMC+ slot MS : MS, MS Duo slot
6	Number of Displayed Image/ Total Number of Images	Displays the number of the currently displayed image, and the total number of images on a memory card.
7	Battery Status (SELPHY ES2 only)	Displays the battery status (p. 75).
8	Recording Pixels	Displays the recording pixels (otherwise, movie time counter).

9	Paper Size	Displays the paper size. **P** : Postcard size **L** : L size **C** : Card size **C Label**: Card size full-sized label sheet **BW** : Postcard size (black and white)
10	Paper Status	Displays the remaining amount of paper in the cartridge. : 1/2 full or more (The trial cartridge is different from the standard one and is not shown . : About 1/4 full or more. : About 1/8 full or more. : The cartridge is empty. No Display: The status is unknown.
11	Operation Guides	Displays operation guides. Follow the instructions to use the printer.

The Jump Function

Pressing ▲ in Single View in the Main Display, or in the Creative Print image selection screen, displays the Jump screen. Press ▲ or ▼ to select a search key, then press ◀ or ▶ to jump to an image matching the search key.



Jump 10 Images	Jumps ahead 10 images.
Jump 50 Images	Jumps ahead 50 images.
Jump 100 Images	Jumps ahead 100 images.
Jump Selected Images	Jumps to selected image(s) you wish to print.

Easy-Scroll Wheel (SELPHY ES2 only)

The SELPHY ES2 allows you to select images or menu items, increase or decrease the number of prints, and enlarge or reduce the trimming frame, just by turning the Easy-Scroll Wheel instead of pressing ▲, ▼, ◀ or ▶.

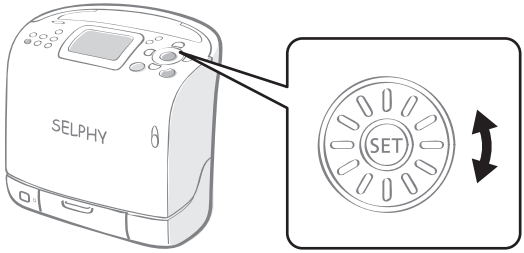


Image Scroll Function

Giving the Easy-Scroll Wheel a quick turn in Single View in the Main Display, or in the Creative Print image selection screen, will display 5 images, with a magnified thumbnail of the center image being displayed. You can scroll through the images one at a time by turning the wheel, and select the center image by pressing (SET).



- If there are less than 5 images on a memory card, the Image Scroll display will not appear on the screen.

Preparing/Replacing the Cartridge

Replace the cartridge with the size of the paper you wish to print.

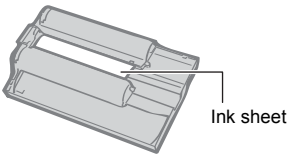
Preparing the Cartridge

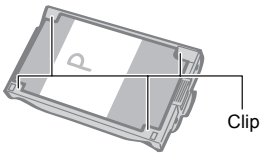
An ink and paper integrated cartridge is used in this printer (p. 9). Prepare a cartridge with the size of paper you wish to print.

- When opening a cartridge, check the contents. If something seems to be damaged, contact the dealer for assistance.

Loading a Cartridge

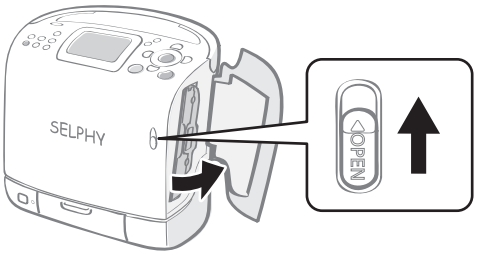
- Do not touch the ink sheet of the cartridge, or pull out the ink sheet or papers.
  There may not be enough ink left for the allotted sheets, or paper jams or poor printing may result.
- Do not handle the cartridge with wet or sweaty hands.
- Please use only cartridges specified for use with the SELPHY ES series.
  (Cartridges for the CP series cannot be used.)
- Do not apply excessive force to the cartridge.
  The paper may come out from under the clips. In this case, push the paper down with your finger so it is inside the clips.



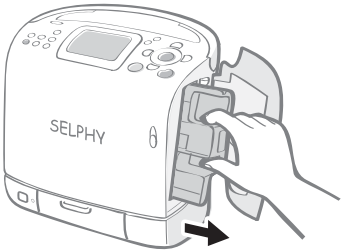


1 Check that the ink sheet is tight and that the paper is correctly loaded in the cartridge.

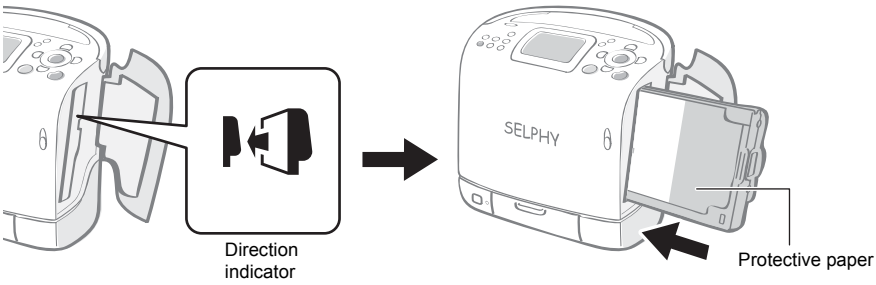
2 Slide the cover lever up to open the cartridge cover.



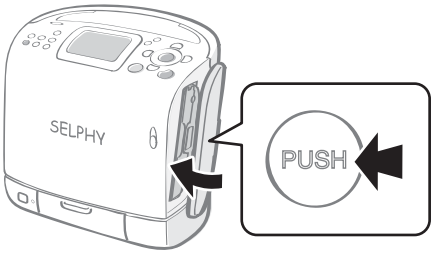
3 Grasp the cleaner unit that is inside and remove it.



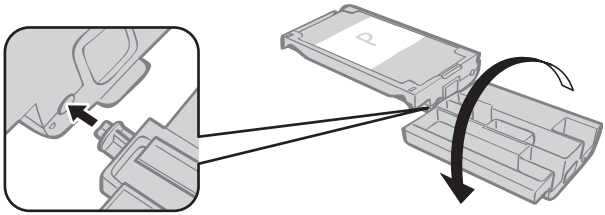
4 Make sure that the cartridge is oriented as shown on the direction indicator on the inside of the printer, and insert the cartridge until it clicks into place.



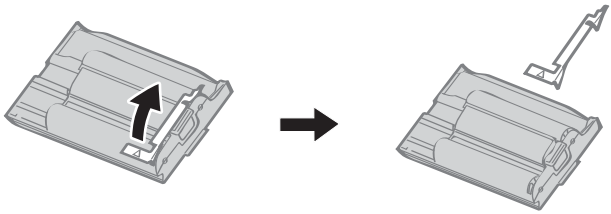
5 Press the area marked PUSH to close the cover.



1 • When inserting the cartridge into the printer, if the ink sheet is so slack it catches, insert the cleaner unit and turn it slowly to take up the slack.
• It will not be possible to use all the paper for printing if you overwind the ink sheet.



4 • The colored paper on the top side of the cartridge is protective paper. Load the cartridge with this paper still in place.
• In the case of the E-P50, E-P100, E-L50 or E-L100, remove the orange colored stopper on the backside of the cartridge then insert it into the printer.

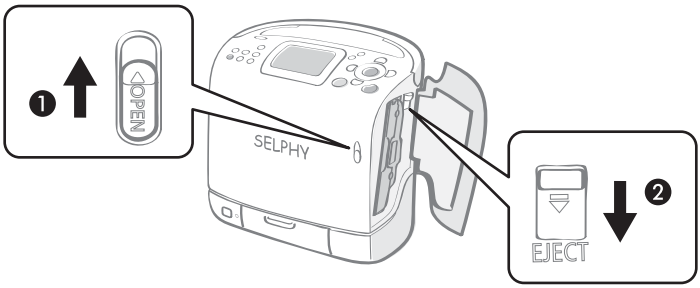


Replacing the Cartridge

Replace the cartridge when paper has run out, or if another sheet size is required.

- Do not remove the cartridge while paper is being fed into or ejected from the printer, or while printing is in progress.
- When replacing the cartridge, remove all paper from the print receptacle.
- Do not reuse empty cartridges. Attempting to reuse an empty cartridge may result in malfunction or damage to the printer.

1 Slide the cover lever up to open the cartridge cover (❶), and slide the cartridge lever down (❷).



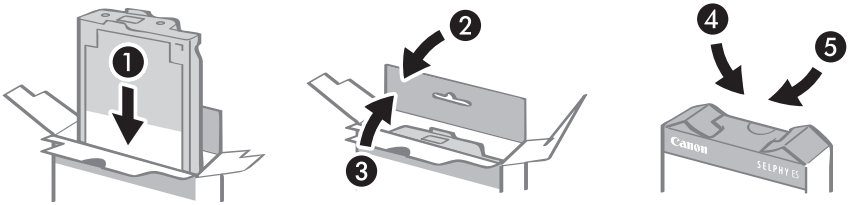
- Eject the cartridge.

2 Replace the cartridge following the procedures in Preparing/Replacing the Cartridge (p. 17).

2
- You can check the type of cartridge and the amount of remaining paper (ink) loaded in the printer, by the icons displayed in the print confirmation, printing or standby screens (p. 14).
- After power is turned on, or immediately after the cartridge cover is opened or closed, the status icon is not displayed. This icon is displayed when one sheet has been printed.

Storing Cartridges

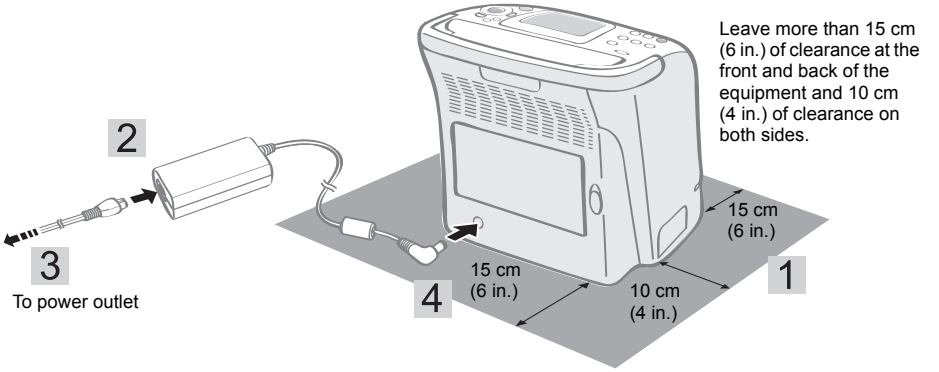
- When storing cartridges, return the cartridge to its original package.



Placing/Connecting the Printer

Set up and connect your SELPHY printer in the following manner for safe use.

- Do not place the equipment on an unstable or tilted surface. There is risk that the equipment may fall and cause injury.
- Do not block the air vents on the back of the printer.



1 Place the printer on a flat surface.

2 Connect the supplied power cord to the supplied compact power adapter.

3 Insert the plug into a power outlet.

4 Connect the compact power adapter to the printer.

- The SELPHY ES2 can also be used with the separately sold battery pack NB-ES1L (p. 73).

Printing Precaution

These cautions apply to printing images from memory cards, cameras and computers, and wireless printing.

- Do not eject the cartridge or open the cartridge cover right after turning the power on or while printing. It may result in equipment damage.
- During the printing operation, paper is temporarily output from the printer. Do not touch the paper until printing ends. This could impede printing, or may result in equipment damage.
- Do not allow more than 50 sheets to accumulate in the print receptacle (Output Tray) while printing.
- Do not raise the carrying handle when printing. If the prints touch the carrying handle, printing may not be done correctly.
- Do not close the print receptacle cover when printing. If closed accidentally, press the print receptacle button to open the print receptacle cover.
- If the printer overheats, it will temporarily stop operating. The printer will resume normal printing as soon as it cools down (This will occur if the room is unusually warm or you are printing continuously).
- Do not print on printed paper.

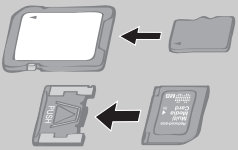
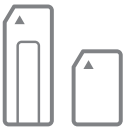


Printing from Memory Cards

Print images from a memory card that is inserted into the printer.

- Make sure that a camera or computer is not connected to the printer.
- This SELPHY printer supports image data conforming to the Design rule for Camera File system (Exif compliant) and DPOF (Ver.1.00) standard.
- Use a memory card formatted in the camera. A memory card formatted in the computer might not be recognized.
- Images that have been edited on a computer might not be displayed or printed successfully.
- An image that has been taken by a mobile phone, depending on the size of the image when the image was taken, might not be displayed or printed successfully.
- Movies cannot be played back on this printer.

Compatible Memory Cards

Slot	Memory Cards
 CF microdrive	CompactFlash Card Microdrive 
	xD-Picture Card* 
 SD/miniSD MMC+	SD Memory Card miniSD Card SDHC Memory Card miniSDHC Card MultiMediaCard MMCplus Card HC MMCplus 
	microSD Card microSDHC Card MMCmobile Card MMCmicro Card RS-MMC Card 
 MS MS Duo	Memory Stick Memory Stick PRO Memory Stick Duo Memory Stick PRO Duo 
	Memory Stick micro 

: You need to use the specific adapter for the card.

* Purchase the CompactFlash Card Adapter for xD-Picture Card.

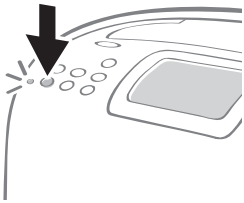
- For memory cards requiring an adapter, be sure to first insert the memory card into the adapter before inserting the adapter into the appropriate card slot. If you insert the memory card into a card slot without first inserting into an adapter, you may not be able to remove the memory card from the printer.

Inserting a Memory Card

Insert a single memory card into the printer.

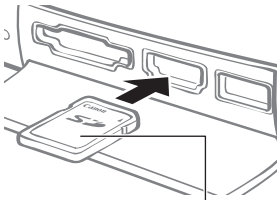
- Please refer to the user guide included with your memory card for handling instructions.

1 Press ⏻ until the power lamp lights green to turn on the power.



- The startup screen appears on the LCD monitor.

2 Insert a single memory card into the appropriate card slot of the printer.



- An image is displayed on the LCD monitor.

2
- Insert a memory card fully into the appropriate slot.
- When you remove a memory card from a card slot, grasp the portion of the card protruding from the card slot and pull it out.
- If the confirmation screen for whether or not to use DPOF for printing is displayed on the LCD monitor, select [OK] or [Cancel] then follow the instructions below.

  [OK] : Step 3 on p. 29
  [Cancel] : p. 27
- There is a lead-in guide to be tailored to the size of the memory card in the "SD/miniSD/MMC+" slot. Insert a small memory card like miniSD in the lower slot to conform closely to the lead-in guide.

Print Selected Photos (Basic Printing)

You can select images, specify the number of prints for each, and then print them all out.

1 Turn the printer on, and insert the memory card into the appropriate memory card slot (p. 26).

2 Press ◀ or ▶ to select images.



3 Press ⊕ or ⊖ to specify the number of prints.



Total number of prints

Number of prints of the selected image

4 Press .

- Printing starts.

2
- Press ◯ (DISP.) to switch the displayed image information (p. 14).
- Press ◯ (EDIT) to enlarge and print a portion of an image (trimming) (p. 44).

3
- You can specify up to 99 prints per image.
- If you make settings with ◯ (MENU) or after specifying the number of prints, the number setting may be canceled.
- Set borders, dates and other functions in [Print Settings] in advance (p. 46).
- If you repeat Steps 2 and 3, you can specify the number of prints for multiple images and then print all of the images together.

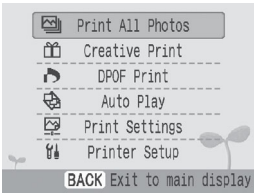
4
- By pressing when the number of prints for all images is 0 copies, you can print only one copy of the image selected.

Print All Photos

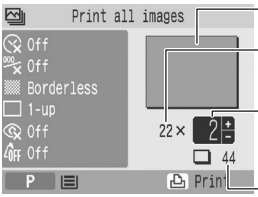
Print all the images on the memory card.

1 Turn the printer on, and insert the memory card into the appropriate memory card slot (p. 26).

2 Press ◯ (MENU) and select [Print All Photos] with ▲ or ▼.



3 Press (SET) and check the settings.



Print image

Number of images on memory card

Number of copies

Number of sheets required for printing

4 Press ⎙.

- Printing starts.

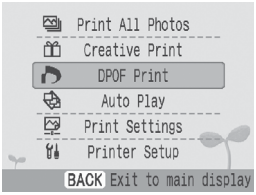
3 • Press ⊕ or ⊖ to specify the number of prints.

Print an Image Using Camera Specified Settings (DPOF Print)

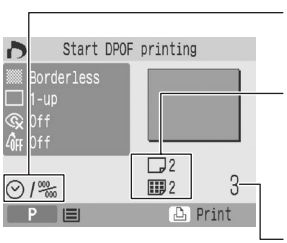
You can make prints according to the DPOF (Digital Print Order Format) setting specified on the camera.
For details on the DPOF settings, refer to the user guide provided with your camera.

1 Turn the printer on, and insert the memory card into the appropriate memory card slot (p. 26).

2 Press ◯ (MENU) and select [DPOF Print] with ▲ or ▼.



3 Press (SET) and check the settings.



Date and FileNo. set with the camera

The Print type set with the camera

: Number of standard prints

: Number of index prints

Number of sheets required for printing

4 Press ⧉.

- Printing starts.



2
- Insert a memory card that has already had DPOF settings made with the camera, otherwise the printer will not display [DPOF Print] in the menu screen.

3
- The date and file number reflect the DPOF settings. These settings cannot be changed with the printer.
- The printer's settings are reflected, such as [Borders]*, [Page Layout]*, [Correct Red-Eye]*, [Auto Optimize]*, [Adjust Image], and [My Colors] when printing with a Canon camera. Set [Print Settings] (p. 46) in advance.

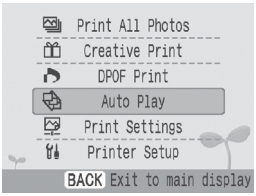
  * [Print type] set to [Standard] in [Print Settings] (when using a Canon digital camera)

Selecting an Image during Auto Play for Printing (Auto Play)

All images on the memory card are automatically played back and an image can be printed by pausing auto play while that image is displayed. Each image displays for 3 seconds.

1 Turn the printer on, and insert the memory card in the appropriate memory card slot (p. 26).

2 Press ◯ (MENU) and select [Auto Play] with ▲ or ▼.



3 Press (SET).

- Images are automatically played after they have finished being read.

4 Press ⎙ after displaying the image you wish to print.

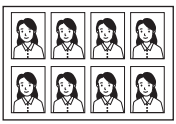
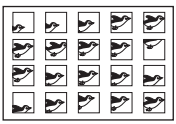
- Printing starts.

3
- Press (SET) during auto play to pause/resume.
- Press ◀ or ▶ while auto play is paused to return to the previous image or move forward to the next image.
- Press ◯ (MENU) or ◯ (BACK) while auto play is paused to return to the menu screen.

4
- Set borders, dates and other functions in [Print Settings] in advance (p. 46).

Creative Print

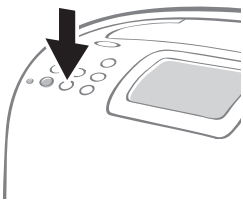
Creative Print allows for easy printing of images in a few simple steps, following the instructions on the screen.
With this function, Frames, Clip Art, Calendar, Multi Layout, Speech Bubble, ID Photo, Movie Print and Image Effects (SELPHY ES2 only) options are available.

Frames	Images with added frames are printed.	
Clip Art	Images with added clip art stamps are printed.	
Calendar	A one-month calendar and images are printed after selecting one of the available layouts.	
Multi Layout	Images are printed as a picture diary. You can enjoy writing your messages with a marker pen.	
Speech Bubble	Images are printed out overlaid with a speech bubble. You can enjoy writing your messages in the speech bubble with a marker pen.	
ID Photo	The desired size of the final image is set, and a portion of the image is printed as ID photos.	
Movie Print	Movie frames are printed at regular intervals on a single sheet.	
Image Effects (SELPHY ES2 only)	Images with added print effects are printed.	

How to Use the Menu

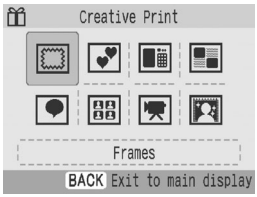
1 Turn the printer on, and insert the memory card into the appropriate memory card slot (p. 26).

2 Press (MENU).



- The Creative Print menu is displayed.

3 Press ▲, ▼, ◀ or ▶ to select the desired function and press (SET).



4 Make settings and then print.

- For detailed settings for each item, refer to p. 33 - 41.

2
- Press ▲ or ▼ in [Creative Print] after pressing (MENU) to display the Creative Print menu.
- When there is no movie file on a memory card, [Movie Print] is not displayed.
- Image Effects displays only on the SELPHY ES2.

3
- Settings such as the page layout and speech bubbles are retained after turning the power off.

4
- The function settings are retained on the printer even if the power is turned off.
- Multiple functions cannot be applied to an image at the same time.

How to Set Menu Items

Frames

1 Select [Frames] in [Creative Print].

- For selecting [Frames], refer to How to Use the Menu (p. 32).

2 Press ◀ or ▶ to select the image and press (SET).



3 Press ◀ or ▶ to select the desired frame and press (SET).

- The print confirmation screen is displayed.

4 Check the settings on the screen.

5 Press ⎙.

- Printing starts.

1 • [Frames] is available only for Postcard size. When using L size or card size, [Frames] is not displayed on the Creative Print menu.

3 • Depending on the frame, ◯ (EDIT) may appear. When you press ◯ (EDIT), you can rotate the frame 180 degrees and match the orientation of the image.

4 • Use ⊕ or ⊖ for specifying the number of prints.

Clip Art

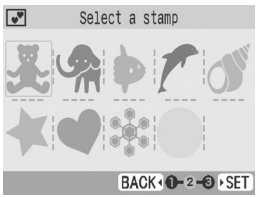
1 Select [Clip Art] in [Creative Print].

- For selecting [Clip Art], refer to How to Use the Menu (p. 32).

2 Press ◀ or ▶ to select the image and press (SET).



3 Press ▲, ▼, ◀ or ▶ to select the desired clip art stamp and press (SET).



4 Press ▲, ▼, ◀ or ▶ to place the clip art stamps where you wish and press (SET).

- The print confirmation screen is displayed.

4
- Press ◯ (EDIT) to add clip art stamps and place it.
- A single image can contain up to 10 clip art stamps.
- Press ⊕ or ⊖ button to rotate clip art stamps.
- If you press ◯ (BACK) while selecting one or more clip art stamps, the confirmation screen to clear clip art stamps appears. Select [OK], and all clip art stamps are cleared, and the display returns to the clip art stamp selection screen.
- You cannot enlarge or reduce clip art stamps.
- All the settings for clip art stamps are cleared when ◯ (MENU) or (HOME) is pressed.

5 Check the settings on the screen.

6 Press ⊜.

- Printing starts.

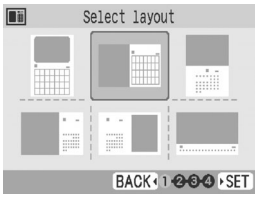
5 • Use ⊕ or ⊖ for specifying the number of prints.

Calendar

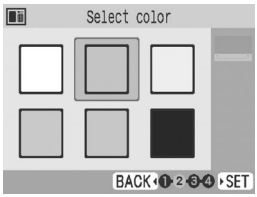
1 Select [Calendar] in [Creative Print].

- For selecting [Calendar], refer to How to Use the Menu (p. 32).

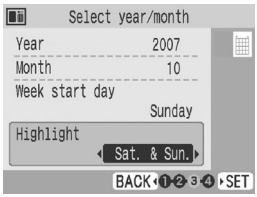
2 Press ▲, ▼, ◀ or ▶ to select the desired layout and press (SET).



3 Press ▲, ▼, ◀ or ▶ to select the desired background color and press (SET).



4 Press ▲ or ▼ and ◀ or ▶ to make calendar settings and press (SET).



5 Press ◀ or ▶ to select the image and press (SET).



- The print confirmation screen is displayed.

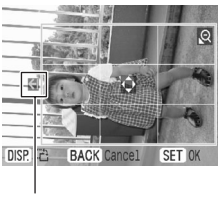
6 Check the settings on the screen.

7 Press (Print).

- Printing starts.

4
- You can set [Year], [Month], [Week start day], and [Highlight] in the calendar setting screen.
- The day set in [Highlight] is printed in a different color from the other days of the week.
- National holidays cannot be set.
- The names of the days of the week on the calendar are printed in the language set in [Language] in [Printer Setup].

5
- Press ○ (EDIT) to enlarge and print a portion of an image (trimming) (p. 44).
- If you layout and trim the image, the trimming frame has an arrow icon ( ) attached to it that allows you to determine the correct orientation for the image once it has been trimmed.



Shows which direction will be up

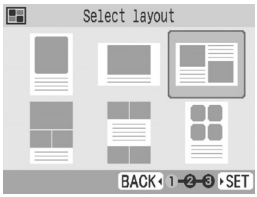
6
- Use ⊕ or ⊖ for specifying the number of prints.

Multi Layout

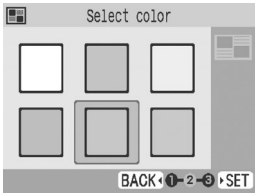
1 Select [Multi Layout] in [Creative Print].

- For selecting [Multi Layout], refer to How to Use the Menu (p. 32).

2 Press ▲, ▼, ◀ or ▶ to select the desired layout and press (SET).



3 Press ▲, ▼, ◀ or ▶ to select the desired background color and press (SET).



4 Press ◀ or ▶ to select the image and press (SET).



- When pressing (SET) after assigning an image to all frames, the print confirmation screen is displayed.

4

- A preview of the layout is displayed on the right edge of the screen.
- Select an image and press (SET), a frame number and ✔ are added on the image.
- You can specify the same image to multiple frames.
- You cannot make a blank frame.
- Press ◯ (EDIT) to enlarge and print a portion of an image (trimming) (p. 44).
- When pressing ◯ (MENU) or (FUNC) to set after assigning images to frames, all assigned images are canceled.
- If you layout and trim the image, the trimming frame has an arrow icon ( ) attached to it that allows you to determine the correct orientation for the image once it has been trimmed.



Shows which direction will be up

5 Check the settings on the screen.

6 Press ⎙.

- Printing starts.

5 • Use ⊕ or ⊖ for specifying the number of prints.

Speech Bubble

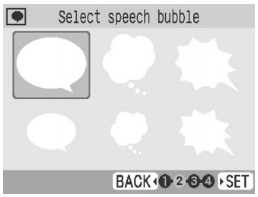
1 Select [Speech Bubble] in [Creative Print].

- For selecting [Speech Bubble], refer to How to Use the Menu (p. 32).

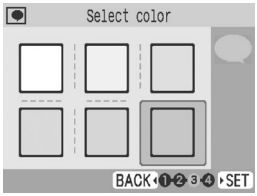
2 Press ◀ or ▶ to select an image and press SET.



3 Press ▲, ▼, ◀ or ▶ to select the desired speech bubble and press SET.



4 Press ▲, ▼, ◀ or ▶ to select the color for the speech bubble and press (SET).



5 Press ▲, ▼, ◀ or ▶ to place the speech bubble where you wish and press (SET).



6 Check the settings on the screen.

7 Press (Print).

- Printing starts.

ID Photo

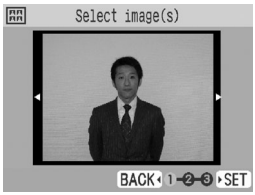
1 Select [ID Photo] in [Creative Print].

- For selecting [ID Photo], refer to How to Use the Menu (p. 32).

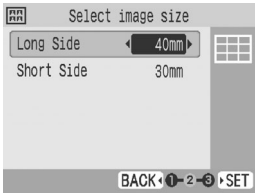
5
- Press (Zoom In) or (Zoom Out) to rotate the speech bubble.
- You cannot enlarge or reduce the speech bubble.

6
- Use (+) or (−) for specifying the number of prints.

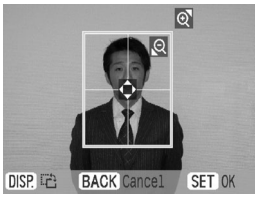
2 Press ◀ or ▶ to select an image and press (SET).



3 Press ▲, ▼, ◀ or ▶ to set the finished size and press (SET).



4 Trim the image to the desired size and press (SET).



- The print confirmation screen is displayed.

5 Check the settings on the screen.

6 Press (Print/Share).

- Printing starts.

2
- You can print an ID photo from an image that equals the recording pixels of Canon brand digital cameras' L (Large) mode such as the PowerShot series.
- If you have selected an image that cannot be printed as ID photo, press (SET) to display the guidance.

3
- You can set [Long Side] and [Short Side] in the size setting screen.
- The preview of the page layout displayed on the right side of the screen is used as an example.

4
- For detailed information on trimming, refer to Enlarging and Printing a Portion of an Image (Trimming) (p. 44).
- The size of the trimming frame changes depending on the size you set.

5
- Use ⊕ or ⊖ for specifying the number of prints.
- The ID photo may not be accepted officially, depending on the institution the ID photo is required for. Please contact the appropriate institution for details.

Movie Print

1 Select [Movie Print] in [Creative Print].

- For selecting [Movie Print], refer to How to Use the Menu (p. 32).

2 Press ◀ or ▶ to select the image and press (SET).



- The print confirmation screen is displayed.

3 Check the settings on the screen.

4 Press .

- Printing starts.

1 • Only movies shot with Canon digital cameras, such as the PowerShot series, can be printed.
• You cannot playback movies.

2 • The first frame of a movie is displayed in the movie select screen.
• A movie cannot be enlarged.

3 • Use ⊕ or ⊖ for specifying the number of prints.

Image Effects (SELPHY ES2 only)

Faded Edges	Creates the effect of the center of the image being clear while the surrounding area is fainter and fading out.
Soft Edges	Creates the effect of the center of the image being in focus, with the surrounding area out of focus.
Soft Focus	Creates the effect of a soft focus lens or soft focus filter to soften the image.
Star Lights	Creates the effect of bright spots in an image being enlarged with a sparkle effect.

1 Select [Image Effect] in [Creative Print].

- For selecting [Print Effects], refer to How to Use the Menu (p. 32).

2 Press ◀ or ▶ to select the desired print effect and press (SET).



- The example of the print effect is displayed.

Sample of Image Effects

Faded Edges



Soft Edges



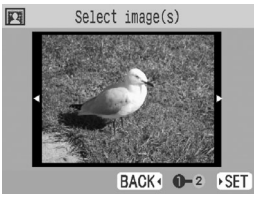
Soft Focus



Star Lights



3 Press ◀ or ▶ to select the image and press (SET).



- The print confirmation screen is displayed.

4 Check the settings on the screen.

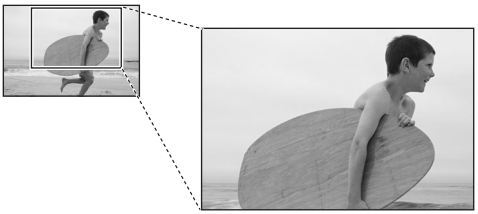
5 Press .

- Printing starts.

4 • Use ⊕ or ⊖ for specifying the number of prints.

Enlarging and Printing a Portion of an Image (Trimming)

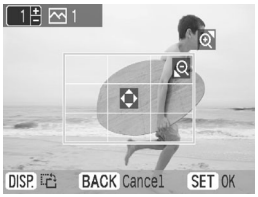
You can trim a part of the desired image and print in Basic Printing (p. 27), the [Calendar] mode in Creative Printing (p. 35), [Multi Layout] mode (p. 37), and [ID Photo] mode (p. 39).



Basic Operation for Trimming

1 Press ◀ or ▶ to select the image you wish to trim.

2 Press ◯ (EDIT).



- The trimming setting screen is displayed on the printer's LCD monitor.

3 Press ◯ (DISP.) to set the aspect of the rotated trimming frame.



1
- You cannot trim an image smaller than 640 x 480, or narrower than aspect ratio 16:9.
- Maximum of 50 images can be trimmed.

4 Press ▲, ▼, ◀ or ▶ to set the trimming area.



5 Press ⊕ or ⊖ to set the size of the trimming frame.



6 Press (SET).

- The setting is completed.

7 Press 🖨.

- Printing starts.

6 • Press 🖨 to print images set for trimming and other selected images at the same time (only for Basic Printing (p. 27).

7 • The trim setting is canceled after printing has finished.

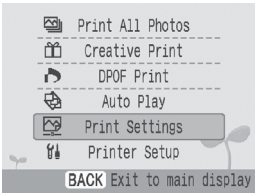
Print Settings

You can set print-related items, such as date on or off, border or borderless, print layout.

How to Use the Menu

1 Turn the printer on and press ◯ (MENU).

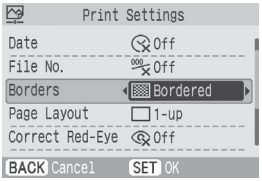
2 Press ▲ or ▼ to select [Print Settings] and press (SET).



- The print setting menu is displayed.

3 Press ▲ or ▼ to select an item and press ◀ or ▶, or ◯ (EDIT) to change the setting value.

- For the settings of each item, refer to p. 47 - 51.



4 Press (SET).

- The setting value is saved.

4
- To cancel the settings and return to the menu screen, press ◯ (BACK).
- If you press ◯ (BACK) or ◯ (MENU) before you press (SET), the changed setting cannot be saved.

Print Setting Menu

The default setting is marked as ✓.

Item	Description	Settings
Date[*1]	Prints the date on the image.	On, Off (✓)
File No.[*1]	Prints the file number on the image.	On, Off (✓)
Borders[*1]	Prints borders on the image.	Bordered, Borderless (✓)
Page Layout[*1]	Sets the number of images to print on a single sheet of paper, the number of images to print, or to make an index print.	Refer to p. 49
Correct Red-Eye[*1]	Corrects Red-eye (occuring in images when taking photos with a flash in a dark area).	On, Off (✓)
Auto Optimize[*1]	Corrects the image quality automatically for optimum image quality.	On (✓), Off
Adjust Image	Corrects image brightness, contrast, or sharpness as desired.	Refer to p. 50
My Colors[*2]	Changes the color of the image.	Refer to p. 51
Date Format[*3]	Sets the date format used when printing out with the date.	yy/mm/dd, mm/dd/yy, dd/mm/yy

*1 The settings are not reflected when printing with a camera connected (the camera's settings are applied). If you set the camera to [Default] when printing from the camera connected with (PictBridge), the setting is reflected.
*2 Images cannot be displayed when using the black and white cartridge (Easy Photo Pack E-P25BW).
*3 The default date format varies by region.

Correct Red-Eye

- Depending on the image, red-eye may not be automatically detected or optimally corrected. Examples as follows.
  - Faces that appear extremely small, large, dark or bright in relation to the overall image.
  - Faces turned to the side or at a diagonal, or faces with a portion hidden.
- Images that do not contain red-eye could have portions of the image other than the eyes mistakenly corrected. Set [Correct Red-Eye] to [On] only when printing images with red-eye.



Printing with Date, File No., Borders or Page Layout

- If you set the Date, File No., Borders and Page Layout in advance, some print settings may not be available. Check the table below.

  ○ : Setting available

  – : Setting not available

	Basic Printing	Print All Photos	DPOF Print	Auto Play	Creative Print							
												
Date	○	○	–	○	–	○	○	○	○	–	–	○
File No.	○	○	–	○	–	○	○	○	○	–	–	○
Borders	○	○	○*	○	–	–	–	–	○	–	–	–
Page Layout	○	○	○*	–	–	–	–	–	–	–	–	–

* [Print type] set to [Standard] in [Print Settings] (when using a Canon digital camera)

 : Frames

 : Clip Art

 : Calendar

 : Multi Layout

 : Speech Bubble

 : ID Photo

 : Movie Print

 : Image Effects

Page Layout

1-up (✓)	Prints a single image per sheet. 
2-up	Prints 2 images per sheet. 
4-up	Prints 4 images per sheet. 
8-up	Prints 8 images per sheet. 
Fixed Size	Prints the image with a white border on the right side. [Fixed Size] can be set only when using L size and postcard size.  You can write your message on the blank side with a marker pen.
Index	Prints a thumbnail index. 

- The page layout you can select differs according to the paper you use.
- You can set bordered or borderless when the setting is 1-up, 2-up, 4-up or 8-up.
- When the page layout is set to [Index] and the print mode is set to [Print All Photos] (p. 28), all of the images in memory card can be printed out as a thumbnail index.

Adjust Image

Off (✓)	Prints the image without adjusting image.	
Brightness	Corrects the image brightness.	 ◀ : Makes the image darker. ▶ : Makes the image lighter.
Contrast	Corrects the difference between light and dark (gradation) areas of the image.	 ◀ : Reduces the difference between light and dark so that medium color stands out. ▶ : Increases the difference between light and dark.
Sharpness	Corrects the outline of the image.	 ◀ : Softens the image outline. ▶ : Sharpens the image outline.

My Colors

Off (✓)	The image is printed out without the My Colors function applied.
Vivid	Contrast and color depth are enhanced to produce strong hues.
Neutral	Contrast and color depth are suppressed to produce subdued hues.
Sepia	Images are printed out in sepia tone.
B/W	Images are printed out in black and white.
Positive Film	This setting makes red, green or blue colors more intense, similar to the [Vivid Red], [Vivid Green] or [Vivid Blue] effects. It produces intense, yet natural-looking colors, such as those obtained with positive film.
Lighter Skin*	Skin tones are reproduced in a lighter tone.
Darker Skin*	Skin tones are reproduced in a darker tone.
Vivid Blue	The color blue is enhanced. This is good for printing subjects containing lots of blue, such as sky and sea, more vividly.
Vivid Green	The color green is enhanced. This is good for printing subjects containing lots of green, such as mountains, new growth, flowering plants and lawns, more vividly.
Vivid Red	The color red is enhanced. This is good for printing subjects containing lots of red, such as red flowers and cars, more vividly.

* If an image contains the colors of human skin, these colors will also be changed. Skin color effects are sometimes not produced depending on the color of the skin.

Printing from Camera

Print from camera supporting (PictBridge) or (Direct Print) by connecting it to the printer with a USB cable.

PictBridge is an industry standard that allows any digital camera or video camera, regardless of the manufacturer or model, to print images taken with the camera directly to a printer without using a computer.

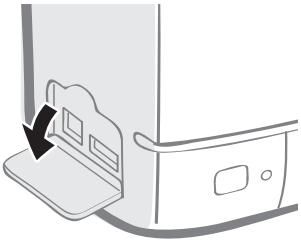
- Make sure that a memory card is not inserted in the printer, or that no computer is connected to the printer before connecting a camera.
- Make sure that the camera is PictBridge or Direct Print compliant.
- Use the interface cable (USB cable) supplied with the camera to connect to the printer.
- Ensure the camera's communication settings are configured correctly.
- Set the print setup with the camera.
- For camera handling details, refer to the camera user’s guide.

Printing Images When Connected with Camera

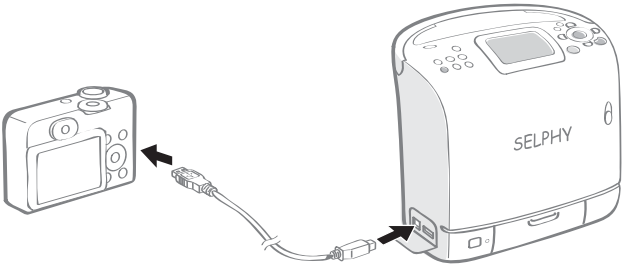
This guide explains the procedure for printing with a Canon digital camera connected as an example.

Communication Settings for Camera
Depending on the model of the camera, it may be necessary to change the communication settings prior to connecting the camera to the printer.
For EOS 5D, EOS 10D, EOS 20D, EOS 30D, EOS 300D and EOS 350D cameras, set [Communication] in the camera's menu to [PTP], or [Print/PTP] or [Print/PC]. See the user guide supplied with the camera for details.

1 Open the terminal cover.

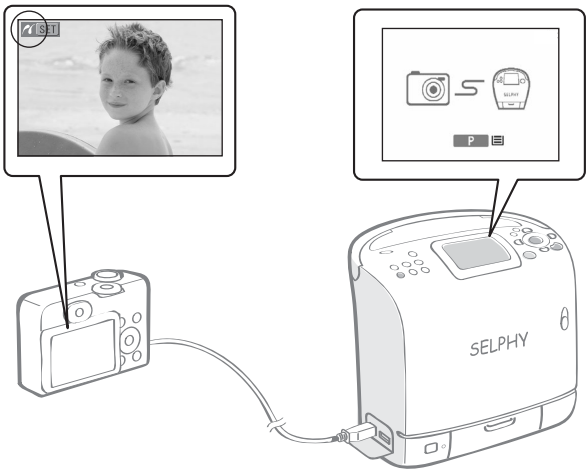


2 Connect a camera to the printer's USB terminal for camera connection with the interface cable supplied with the camera.



3 Press ⏻ until the power lamp lights green to turn on the power.

4 Turn the camera's power on to display an image.



- Camera Direct screen is displayed on the LCD monitor of the printer.
- The (PictBridge) or the (Direct Print) icon is displayed on the LCD monitor of the camera.

5 Select the desired image to print with the camera.

6 Press (Print/Share Button).

- Printing starts.

4
- The ON button lights steadily green once it is ready to print.
- The power lamp of the printer blinks or lights red if any error occurs while connecting or printing.
  A message is then displayed on the LCD monitor which may differ depending on the model of the camera.
- Before you disconnect the USB cable, turn the printer's power off.
- If the (Direct Print) icon is displayed on the LCD monitor of the camera, the black and white cartridge (Easy Photo Pack E-P25BW) cannot be used.

6
- If the camera does not feature the button, perform the printing procedure with the camera.
- The camera returns to the playback screen once printing is successfully completed.
- Printing cannot be canceled with ◯〈BACK〉on the printer while printing with a camera connected. Operate the camera to cancel printing.
- If printing does not start, check the camera's LCD monitor for any messages (p. 96).
- The setting of date, print copies, or layout is available with Canon camera (This may not apply to some models, however). For more details, see the Camera User's Guide supplied with the camera.



Printing from a Mobile Phone (Wireless Printing)

Transmit and print out images shot with a camera-equipped mobile phone supporting infrared data communication (SELPHY ES2 only) or Bluetooth.

- Do not insert a memory card or connect a camera or computer to the printer during wireless printing.
- You cannot print via wireless connection between the printer and a computer.
- Only image data files up to 3 MB can be sent (maximum data size varies depending on the mobile phone).
- Data transmission time increases when data size is large. Accordingly, it may take some time before printing starts.
- E-mail and phone directories cannot be printed.
- Downloaded contents or image data, for example, downloaded from a URL attached to mail may not be printable due to the security settings on the mobile phone.
- Movies cannot be printed.
- The printer may not be able to print images saved onto the memory card of certain mobile phones.
- The position and orientation (horizontal or vertical) of images for printing is set automatically by the printer. Since images are enlarged or reduced to fit the paper size, the edges of the image may be cropped with certain combinations of image and paper sizes.
- IrSimple is not supported.
- See the user's manual of your mobile phone for information on how to use its wireless functions.

Infrared (IrDA) Wireless Printing (SELPHY ES2 only)

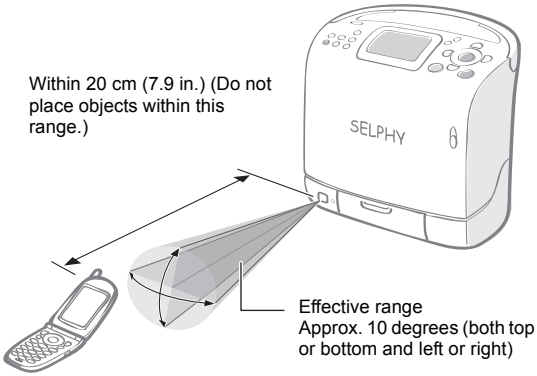
Print images transmitted from a mobile phone supporting infrared data communication (IrDA).

- The mobile phone must have the following features.
  - Infrared data communication (infrared data communication port supporting IrDA)
  - Built-in camera capable of recording and saving JPEG images.

1 Check that no memory cards are inserted in the printer, no Bluetooth unit is attached, and the camera is not connected via USB cable.

2 Press ⏻ to turn the printer's power on until the power lamp lights green.

3 Transmit an image from your mobile phone to the printer.



- Printing starts after data transmission is completed.

3
- Printing is done according to the setting value specified in [Print Settings]. Setting of each item must be done in advance (p. 46).
- During transmission, the power lamp blinks green. If transmission is interrupted, the power lamp stops blinking and lights green. Check the message appearing on the mobile phone display if an error occurs.
- Printing cannot be canceled by pressing ◯ (BACK) during infrared printing.
- If the transfer is not working well, reposition the mobile phone closer and directly in front of the infrared data receiver and reinitiate the transfer.
- Note that the distance over which infrared signals can be transmitted and received varies according to the mobile phone model. For details on connection, refer to your mobile phone's manual.

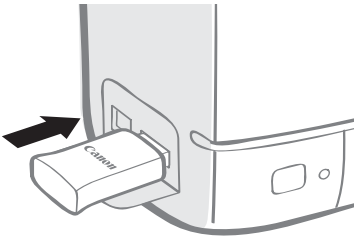
Printing via Bluetooth

By installing Bluetooth Unit BU-20 (sold separately) on the printer you can print images by transmitting data from a Bluetooth-enabled mobile phone.

- The mobile phone must have the following features.
  - Built-in Bluetooth and profiles compatible with OPP (Object Push Profile) or BIP (Basic Imaging Profile). For details on compatible profiles, refer to the user manual of the mobile phone.
  - A built-in camera capable of recording and saving JPEG images.

1 Check that no memory cards are inserted in the printer, and that no camera is connected to the printer via USB cable.

2 Install Bluetooth Unit BU-20, sold separately.

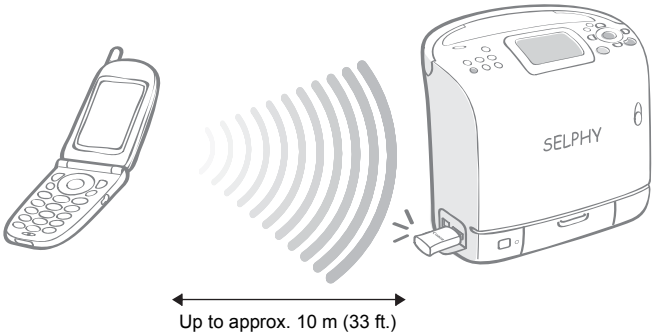


3 Press ⏻ to turn the printer's power on until the power lamp lights green.

4 Make the Bluetooth settings.

- For details on Bluetooth settings, refer to Bluetooth Settings in Printer Setup Menu (p. 79).

5 Transmit an image from your mobile phone to the printer.



- Printing starts after data transmission is completed.

5
- Bluetooth Unit blinks blue during transmission. If data transfer is interrupted, the blinking will stop. Check the message appearing on the mobile phone display if an error occurs.
- Printing cannot be canceled by pressing ◯ (BACK) during Bluetooth printing.
- For details on how to send or make Bluetooth connection, refer to the Bluetooth manual.
- Maximum communication distance is approx.10 m (approx. 33 ft.). However, the following conditions sometimes cause this distance or printing speed to change:
  - Obstacles or radio wave conditions between communication devices
  - Sites where magnetic fields, static electricity or radio wave interference is generated
  - Reception sensitivity and antenna performance of the communication devices



Printing from a PC

Print from a computer connected to the printer.

- Make sure that a memory card is not inserted in the printer, or that no camera is connected to the printer before connecting a computer.
- When using the USB cable, be sure to connect the printer directly to your computer. If you connect the USB cable to a USB hub, the printer may not function properly.
- The printer may not function properly if other USB devices (with the exception of a USB mouse or USB keyboard) are used at the same time as the printer. Disconnect any other USB devices from your computer and then reconnect the printer.
- Do not put your computer into the standby mode (or sleep mode) while the printer is connected to a USB port. If you accidentally do so, do not disconnect the USB cable from your computer while it is in standby mode.
- Do not connect the computer to the printer before installing the printer driver. Follow the instructions of this guide.
- You must login to the computer as an administrator before beginning installation.
- For details on how to use the computer, refer to the computer's manual.

System Requirements

Install the software on a computer meeting the following minimum requirements.

Windows

OS	Windows Vista Windows XP Service Pack 2 Windows 2000 Service Pack 4
Configuration	The above OS should be pre-installed on computers with built-in USB ports.
CPU	Windows Vista: Pentium 1.3 GHz or higher processor Windows XP/Windows 2000: Pentium 500 MHz or higher processor
RAM	Windows Vista: 512 MB or more Windows XP/Windows 2000: 256 MB or more
Interface	USB
Free Hard Disk Space	Canon Utility • ZoomBrowser EX: 200 MB or more Ulead Photo Express LE: 300 MB or more Canon SELPHY Printer Driver: 4 MB or more (the amount of free space required for installation)
Display	1,024 x 768 pixels or more High Color (16 bit) or better

Macintosh

OS	Mac OS X (v10.3 - v10.4)
Configuration	The above OS should be pre-installed on computers with built-in USB ports.
CPU	PowerPC G3/G4/G5 or Intel processor
RAM	256 MB or more
Interface	USB
Free Hard Disk Space	Canon Utility • ImageBrowser: 300 MB or more Canon SELPHY Printer Driver: 4 MB or more (the amount of free space required for installation)
Display	1,024 x 768 pixels or more 32,000 colors or better

- A CD-ROM drive is required to install the software.
- Even when system requirements are met, not all computer functions can be guaranteed.
- Ulead Photo Express LE supported on Windows Vista and Windows XP only.
- Macintosh software cannot be used on disks formatted in the UFS (Unix File System) format.

Installing the Printer Driver and Software

The Compact Photo Printer Solution Disk contains software that your computer requires for printing. Install the printer driver and the software according to the following steps.

- Before you install the printer driver, do not connect the printer to a computer.

- The instructions in this section are intended for Windows XP and Mac OS X (v10.4). If you are using another version of OS, actual screen contents and procedures may differ slightly from those indicated here.

Windows

Installing the Printer Driver

1 Place the supplied Compact Photo Printer Solution Disk in the computer.

- The installer panel is displayed.

2 Select the printer you are using.

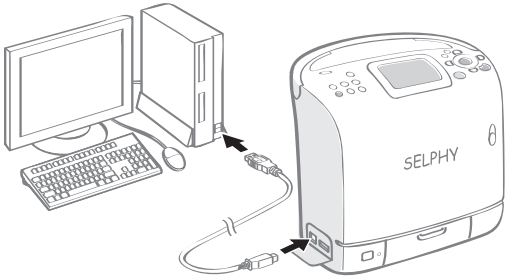


3 Click [Yes], if you consent to all the conditions of the software license agreement.

- The installer starts and the screen indicating to connect the printer is displayed.

1 • Close any programs that are running.

4 Connect the printer to the computer following the instructions on the screen and turn the printer's power on.



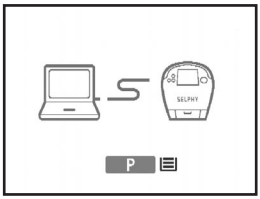
- A dialog box appears informing you that the installation is complete.

5 Click [Finish].

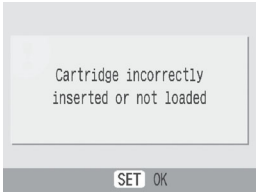
- Installation of the printer driver is completed.
- Next, install the software on your computer.

4 • When connecting the printer to the computer, a commercially available USB cable is required. The USB cable should be less than 3 meters long.

• After connecting the printer to the computer, the PC connection screen appears on the LCD monitor.



• Press (SET) when the following screen appears.



• Restart your computer when a dialog box appears instructing you to do so.

5 • If you wish to uninstall the printer driver, do as follows on your computer. Click the [Start] button and select [All Programs] - [Canon SELPHY XXXX] - [Uninstaller].

Installing the Software

6 Set the supplied Compact Photo Printer Solution Disk in the computer.

- The installer panel is displayed.

7 Click the Application Software [Easy Installation] button.



- The screen for confirming the installation appears.

8 Click [Install].



- Follow the onscreen instructions to proceed until a dialog box informing you that the installation is completed appears.

9 Click [Finish].

- Software installation is complete. Remove the CD-ROM.

---

6 • If the CD-ROM is already set and the installer panel does not appear, remove and reinsert the CD-ROM.

7 • Click [Custom Installation] to select programs for individual installation.

9 • If you wish to uninstall the software, do as follows on your computer. Click the [Start] button and select [All Programs] - [Canon Utilities] - [Zoom Browser EX] - [Zoom Browser EX Uninstall].

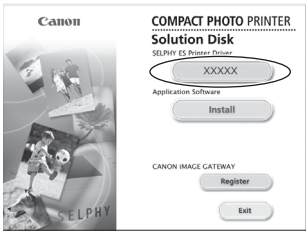
• You can use the same procedure to uninstall other software. To uninstall Ulead Photo Express LE, click the [Start] button and select [Control Panel] - [Add or Remove Programs].

Macintosh

Installing the Printer Driver

1 Place the supplied Compact Photo Printer Solution Disk in the computer and double-click the icon in the CD-ROM window.

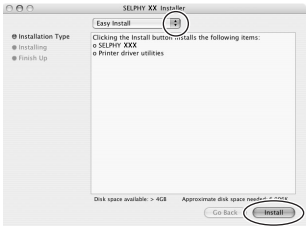
2 Select the printer you are using.



3 Click [Agree] if you consent to all the conditions of the software license agreement.

- Installer starts.

4 Click and select [Easy Install], then, click [Install].

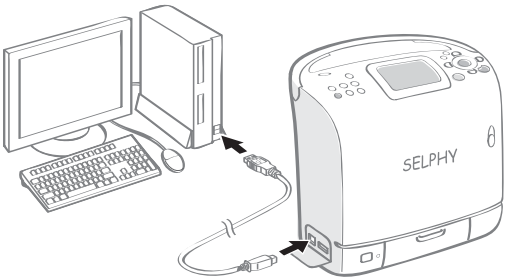


- Installation starts. Follow the onscreen instructions until a dialog box informing you to restart appears.

1 • Close any programs that are running.

5 Following the instructions on the screen, then restart your computer.

6 Connect the printer to the computer and turn the printer's power on.



7 Double-click the [Printer Setup Utility] in [Applications] - [Utilities] folder.

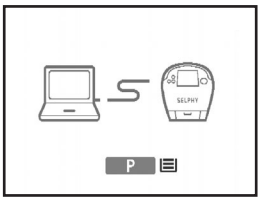
- The printer list window appears.

8 Click the [Add] button.

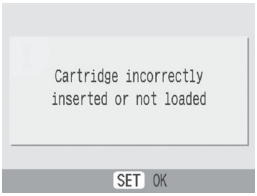


6

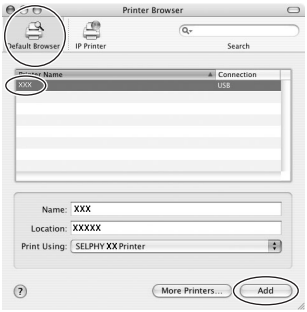
- When connecting the printer to the computer, a USB cable is required. The USB cable should be less than 3 meters long.
- After connecting the printer to the computer, the PC connection screen appears on the LCD monitor.



- Press (SET) when the following screen appears.



9 Click [Default Browser], select the printer you are using, and then click the [Add] button.



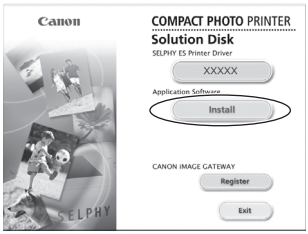
- Installation of printer driver is completed. Close the window.

9 • If you wish to uninstall the printer driver, double-click the icon in Solution Disk, select the installer panel, and follow the on-screen instructions. Next, delete the printer from the Printer list.

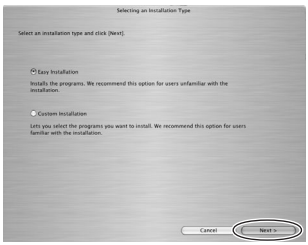
10 Place the supplied Compact Photo Printer Solution Disk in the computer and double-click the icon in the CD-ROM window.

- The installer panel is displayed.

11 Click [Install].



12 Select [Easy Installation] and click [Next].



- Follow the onscreen instructions to proceed until a dialog box informing you that the installation is complete appears.

13 Click [OK].

- Software installation is complete. Remove the CD-ROM.

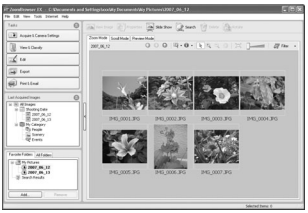
12 • Click [Custom Installation] to select programs for individual installation.

13 • If you wish to uninstall the software, drag the application's folder (the folder in which it was installed) into the Trash, and empty the Trash.

Introduction to the Supplied Programs

• For printing operations, refer to the [Help] menu of the software.

Windows

Ulead Photo Express LE (Windows Vista, Windows XP only)	This software allows the easy editing of images in various ways using templates or by inputting text.	
ZoomBrowser EX	In addition to printing images, this multifunction program is capable of managing, displaying, editing, and exporting images.	

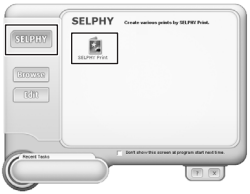
Macintosh

ImageBrowser	In addition to printing images, this multifunction program is capable of managing, displaying, editing, and exporting images.	

Ulead Photo Express LE

This section give a basic overview of inserting frames and text, and then printing.
If you have questions about Ulead Photo Express LE, please access the URL below:
http://www.ulead.com/events/canon/selphy/

1 Select [SELPHY] and click [SELPHY Print].



2 Select the paper from the list on the left, select the desired frame to use and click [Replace].



3 Select the desired image to print, click Apply, determine the image size and position, then click [Customize].



4 Select [Text], click [Add/Edit].



5 Type the desired text to print, click Apply, adjust the position of the text, then click [Print].



6 Determine the printer name, paper size, cartridge, layout, and copies in use, then click Print.



7 Printing completes.

2 • Frames can be assigned only when [Postcard size] or [L size] paper is selected.



Using the Battery Pack (SELPHY ES2 only)

You can print outdoors or at locations without a power outlet by installing Battery Pack NB-ES1L (sold separately) into the SELPHY ES2. SELPHY ES20, however, does not accept a battery pack.

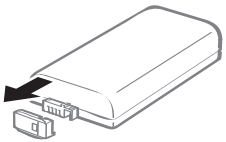
Use of genuine Canon accessories is recommended.
This product is designed to achieve excellent performance when used with genuine Canon accessories. Canon shall not be liable for any damage to this product and/or accidents such as fire, caused by the malfunction of non-genuine Canon accessories (e.g., a leakage and/or explosion of a battery pack). Please note that this warranty does not apply to repairs arising out of the malfunction of non-genuine Canon accessories, although you may request such repairs on a chargeable basis.

- Battery Pack NB-CP2L cannot be used.
- Do not use the battery pack in products other than those recommended by Canon.
- Do not lose the battery pack terminal cover. It is required for battery storage.

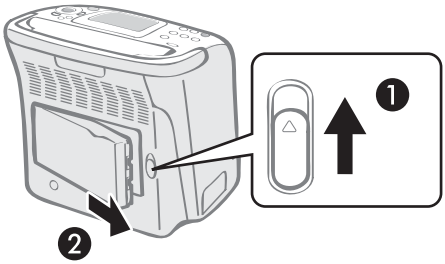
Installing the Battery Pack

Install the battery pack NB-ES1L (sold separately) to the printer.

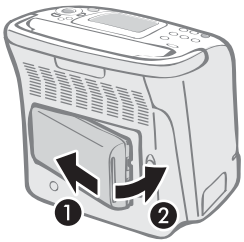
1 Remove the battery pack's terminal cover.



2 Remove the battery cover lever.



3 Install the battery pack in the printer.



1 • If the battery terminals are dirty, it results in a poor connection. Before recharging or using the battery, polish the terminals with a slender, soft tipped cotton swab.
• When the battery pack is not used, remove it from the printer and be sure to put the terminal cover on.

2 • To remove the battery cover, slide the battery cover lever upwards and remove the cover.

3 • Push the battery pack until it clicks into place.
• To remove the battery pack, slide the battery cover lever upwards and remove the battery.

Charging the Battery Pack

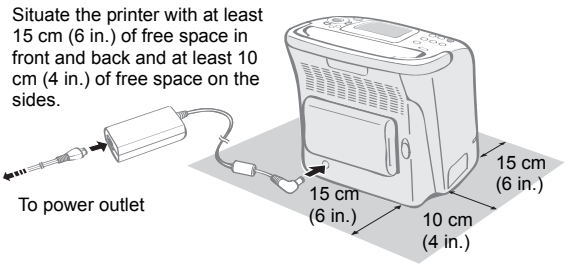
Install the battery pack NB-ES1L and charge it.

- It takes approximately 4 hours to bring a depleted battery pack to a full charge state (based on standard Canon testing criteria).
  - We recommend recharging the battery pack in a temperature of 5 - 40 °C (41 - 104 °F).
  - The charging time will vary depending on the ambient temperature and charge state.
- If Auto Power Down is set to [On], the printer will automatically turn off when powered by the battery if it is not used for five minutes or more.

1 Install the battery pack in the printer.

- For details on how to install, refer to Installing the Battery Pack (p. 73).

2 Connect the compact power adapter to the printer.



- For more connection details, refer to Placing/Connecting the Printer (p. 22).
- Charging starts.

3 Disconnect the compact power adapter cord from the printer once charging is complete.

2
- The power lamp lights orange while charging and turns off once the battery pack is fully charged.
- If the printer's power turns on while charging the battery pack, charging will stop. If the power is turned off again, charging will resume.
- Turn the printer power off and turn it on again if the battery does not start charging.

Checking the Battery Status

If battery power is low, the printer's power lamp blinks orange. Check battery status by the icon or message displayed in the LCD monitor of the printer, and recharge the battery pack or change it for a fully charged one.

Battery Status

Indication	Description
	There is sufficient battery power.
	To use the printer for a long time, either use fully charged batteries or charge the battery as soon as possible.
	Battery power is low. We recommend recharging the battery pack.
 (Blinking red)	Printing is not possible.
Recharge the printer battery	Change it for a fully charged battery pack or recharge the battery pack immediately. You can also use the printer's compact power adapter.

Handling of the Battery Pack

- This is a lithium ion battery pack so there is no need to completely use or discharge it before recharging.
  - It can be charged at any time.
- You are advised to charge the battery on the day of use, or one day before, to ensure a full charge.
  - Even charged battery packs continue to discharge naturally.
- If the performance of the battery diminishes substantially even when it is fully charged, its life has been exceeded and it should be replaced.
  - Replace it with a new battery.
- If battery power is low, the finished print may not be ejected into the print receptacle completely and printing may stop.
  - If this happens, change the battery pack with a fully charged one, or use the printer's compact power adapter.
- Although the battery pack's maximum operating range is 5 to 40 °C (41 to 104 °F), the optimal range is 10 to 30 °C (50 to 86 °F).
- At lower temperatures, battery performance is sometimes reduced and the low battery power icon (,) may be displayed earlier than usual.
  - Battery performance can be recovered by putting the battery pack in your pocket, for example, to warm it up before use.

Battery Storage

- Remove the battery pack from the printer when the battery pack is not used, be sure to attach the terminal cover.
- Do not carry or store the battery pack with metal objects with sharp edges, such as paper clips and pins. Always put the terminal cover on the battery pack's terminal when carrying it or before storing it.
- When storing a battery pack, you are recommended to use it in the printer until it is completely discharged and to store it in an indoor location with low relative humidity and between the temperatures of 0 - 30 °C (32 - 86 °F). Storing the battery fully charged for long periods of time (about 1 year) shortens the battery life and causes its performance to decline. When you do not use it for long period of time, fully charge it once a year and store after fully discharging it in the printer.



Appendix

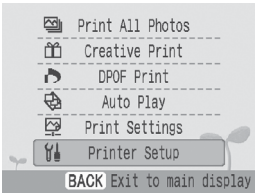
Making Printer Settings

You can make various printer settings, such as language or power saving settings.

How to Use the Menu

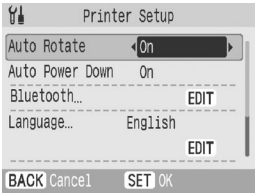
1 Turn the printer on and press ◯ (MENU).

2 Press ▲ or ▼ to select [Printer Setup] and press (SET).



- The printer setup screen is displayed.

3 Press ▲ or ▼ to select the item and change the setting value.



- For the settings of each item, refer to pp. p. 79 - 81.

4 Press (SET).

- The setting value is saved.

3 • [Bluetooth] is displayed only when a Bluetooth unit is connected.

4 • If you press ◯ (BACK), the setting is canceled and the screen returns to the menu screen.

Printer Setup Menu

The default setting is marked as ✓.

Item	Description	Settings
Auto Rotate	By setting the camera, the image can be automatically rotated on the LCD monitor.	On ✓, Off
Auto Power Down	The printer automatically turns off if no operation is performed for five minutes.	On ✓, Off
Bluetooth	Sets the model name and/or security details when using Bluetooth. [Bluetooth] is displayed only when a Bluetooth unit (sold separately) is connected.	Refer to p. 79
Language	Sets the display language of the LCD monitor.	Refer to p. 81
Transition	Sets the transition effects when you switch the image.	Fade, Wipe, Off ✓
Reset All	Reset the printer's settings to their defaults.	–

Bluetooth Settings

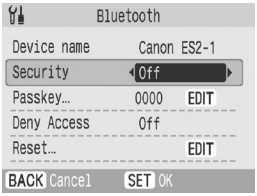
Device name	Selects a name from Canon ES2-1 (✓) to ES2-9 (ES20-1 to ES20-9). This is the name used when the target device (this printer) is selected from the mobile phone. This setting distinguishes this device when there are two or more Bluetooth-enabled devices capable of communication.
Security	Selects either [On] or [Off] (✓). When set to [On], the passkey for the printer and mobile phone must be entered when connecting to the printer.
Passkey	The passkey refers to an identification number to be determined. It is used to prevent incorrect access from other Bluetooth devices. When [Security] is set to [On], press ◯ (EDIT) and set the key (4-digit number) to enter on the mobile phone to enable printing. The default passkey is "0000".
Deny Access	Selects either [On] or [Off] (✓). Selecting [On] will disable searching and printing from Bluetooth devices.
Reset	Reset Bluetooth settings to their defaults.

1 Press ◯ (MENU) to select [Printer Setup].

2 Select [Bluetooth] and press ◯ (EDIT).

- The Bluetooth setting screen is displayed.

3 Press ▲ or ▼ to select the items you wish to set and change setting values.



4 Press (SET).

- The setting is saved and the screen returns to [Printer Setup].

1
- For how to use the menu, refer to page page 78.
- For how to print using a Bluetooth unit, refer to Printing via Bluetooth (p. 57).

Language

1 Press ◯（MENU）to select the [Printer Setup].

2 Select [Language] and press ◯（EDIT）.

- The language selection screen is displayed.

3 Press ▲, ▼, ◀ or ▶ to select the language you wish to set and press (SET).



- The selected language is set and the display returns to [Printer Setup].

1
- For how to use the menu, refer to page 78.
- When no memory card is inserted, or when no camera or computer is connected to the printer, press and hold down (SET) and then press ◯（MENU） to shortcut to the language set up screen. Select the language and press (SET).The language is set and the display returns to the standby screen.

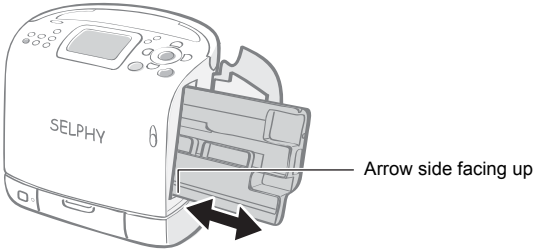
Cleaning the Printer

Cleaning the Inside of the Printer

Remove dust on the head of the cartridge with the supplied cleaner unit.

1 Remove the cartridge (p. 20).

2 Insert the cleaner unit in the cartridge compartment and push it in completely and slide it in and out 2 or 3 times.



- Do not touch white parts of the cleaner as its performance may be affected.

Cleaning the Printer Casing

Wipe the casing with a soft dry cloth.

- Never use volatile solvents such as benzine, paint thinner, or diluted neutral solvent. They may cause deformation or peeling of the printer's casing.

Cleaning the Back of the Printer

Clean the dust from the air vents on the back. Dust will get on the ink sheet if it enters from the air vents, preventing the printer from printing cleanly. If dust becomes lodged on the ink sheet, use a blower brush to remove it so that you do not touch the ink sheet.

Storing the Printer or the Printed Paper

Storing the Printer

Unplug the power cord from the power outlet (If using the battery pack, remove it).
Remove the cartridge from the printer and store it in its original package.

Storing Prints

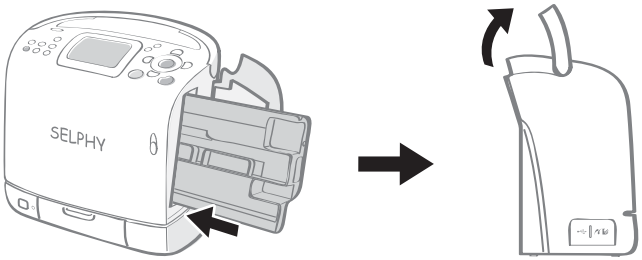
- Avoid storing prints in the following places to prevent image quality from deteriorating.
  - Places with high temperatures (40°C/104°F or higher).
  - Places with high humidity or dusty areas.
  - Places subject to direct sunlight.
- Please avoid the following actions as they may result in color change, color fading or color bleeding.
  - Sticking any type of adhesive tape on a print surface.
  - Allowing print surfaces to come into contact with vinyl or plastic.
  - Applying alcohol or other volatile solvents to a print surface.
  - Leaving print surfaces tightly pressed against other surfaces or objects for prolonged periods.
- If you wish to mount prints in an album, select an album with photo covers made of nylon, polypropylene or cellophane.

- Color change may occur over time in accordance with conditions of storage. Canon assumes no liability for color changes.

Carrying the Printer

When carrying the printer, lift the carrying handle up. We recommend carrying the printer with the cleaner unit inserted.

- Close the print receptacle cover. If dirt or foreign objects enter the printer, print quality may deteriorate.



Safety Precautions

Use this equipment correctly according to the following precautions to avoid the risk of injury, fire, electrical shock, malfunction or other hazards. Please also be sure to read Handling Precautions. Equipment refers to the printer and compact power adapter.
The safety precautions noted on the following pages are intended to instruct you in the safe and correct operation of the printer to prevent injuries or damage to yourself or other persons.

⚠ WARNING

Do not play the supplied CD-ROM(s) in any CD player that does not support data CD-ROMs.
Playing the CD-ROM(s) in an audio CD player (music player) could damage the speakers. It is also possible to suffer from hearing loss from listening with headphones to the loud sounds of a CD-ROM played on a music CD player.

Equipment

⚠ WARNING

Store the equipment in a place where it cannot be reached by children.
Do not disassemble or modify the equipment.
If the equipment is dropped or the casing becomes damaged, do not continue operation.
Stop operating the equipment immediately if it emits smoke or noxious fumes.
Do not allow water or other liquids to enter the interior of the equipment. If the equipment is subjected to water droplets or damp salty air, gently wipe it with a soft, absorbent cloth.
Do not insert or drop metallic objects or flammable substances into the equipment interior. Immediately switch off the printer power and remove the power cord from the power outlet. (If powering it by battery, remove the battery.)
Do not touch metal parts of devices or the power plug during thunderstorms. Immediately stop using the equipment and distance yourself from it.
Do not use flammable solvents such as alcohol, benzine, or paint thinner to clean the equipment.
Do not rest heavy objects on the power cord or plug, pull on it with excessive force or damage it.
Do not use a power source (compact power adapter, battery) that is not specified for the equipment.
Remove the power cord on a regular periodic basis and wipe away the dust and dirt that collects on the plug, the exterior of the power outlet and the surrounding area.

Do not handle the power cord if your hands are wet.

⚠ CAUTIONS

Do not stick any part of your hand into the printer interior.
Do not use or store the equipment in the following types of places. Humid or dusty areas, places subject to heavy vibrations, places near flames, places subject to strong sunlight, or hot places such as an automobile trunk or dashboard.
Do not attach metallic pins or allow dirt to collect on the power plug or recharging connectors.
Do not excessively pull or bend the power cord.
Do not use the compact power adapter for any other equipment except this printer, use it beyond its rated capacity or voltage, or leave the plug partially inserted into a power outlet.
Do not open the cartridge cover during printing. • If you do so, printing will stop. • Paper moves back and forth in the printer during printing. Placing your hand in the way of the moving paper may result in injury.
Unplug the equipment when you are not using it. Leaving the equipment plugged in during prolonged periods of non-use poses risk of electric shock or fire.

Battery (SELPHY ES2 only)

⚠ WARNING

Do not place the battery pack near a heat source or expose it to direct flame or heat.
The battery pack should not be immersed in water.
Do not attempt to disassemble, alter or apply heat to the battery pack.
Avoid dropping or subjecting the battery pack to severe impacts that could damage the casing.
Use only recommended battery pack and accessories. There is a risk of the battery exploding or leaking. In the event that a battery leaks and the eyes, mouth, skin or clothing contact these leaked substances, immediately flush with water.
When you are not using the printer, remove the battery and store it properly.

Do not place anything, such as tablecloths, carpets, bedding or cushions, on top of the battery charger while it is charging.
There is a risk of heat generation or deformation if it is left connected for a long period of time.

Before you discard a battery, cover the terminals with tape or other insulators to prevent direct contact with other objects.
Contact with the metallic components of other materials in waste containers may lead to fire or explosions.

⚠ CAUTIONS

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO LOCAL REGULATION.

Handling Precautions

For the handling of memory cards, cameras, or computers, refer to the supplied user's manual of each product.

Warning Against Copyright Infringement

Please respect all copyrights. Use of images produced by SELPHY ES2 or ES20 for purposes other than personal entertainment may be prohibited by law.

Warranty Limitations

This printer's warranty is only effective in the country of sale. If a problem arises while the printer is in use abroad, please convey it back to the country of sale before proceeding with a warranty claim to a Canon Customer Support center.

Printer

Please avoid turning the printer's power on and off needlessly as the printer initialization consumes ink.

There may not be enough ink left for the allotted sheets in the set.

Never use volatile compounds or insecticides on the printer, and do not allow rubber or vinyl material to remain in prolonged contact with the printer.

These materials may cause deformation of the printer's casing.

If the printer overheats, it will temporarily stop operating. This does not mean that the printer has malfunctioned.
The printer will resume normal printing as soon as it cools down.

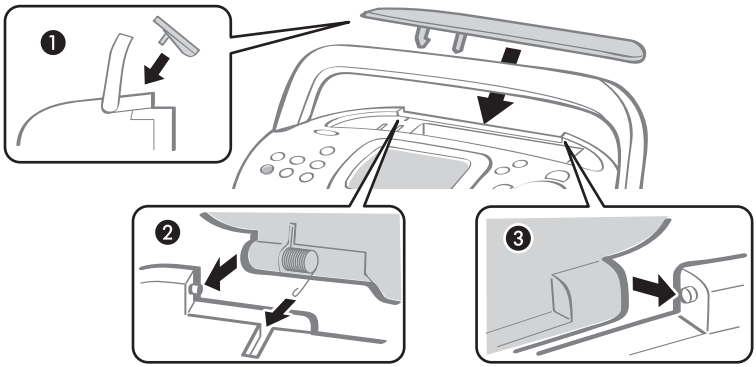
Temporary stoppages are most likely to occur in the following cases:

- When printing continuously.
- If a room is unusually warm.
- If the air vents on the back of the printer are blocked or if ventilation is inadequate.

The carrying handle will snap back itself. Be careful not to catch a finger in it.

If the print receptacle cover comes off, tilt the cover to LCD monitor side (❶) align the tip of the spring on the left side of the cover with the groove on the printer (❷) , and then insert the shaft on the right side of the cover into the printer (❸).

If the print receptacle cover is not attached during printing, paper that is finished printing may become jammed inside the printer.



Do not insert foreign objects into the print receptacle.

- **To prevent malfunctions and damage caused by electromagnetic fields**
  Never position the equipment close to motors or other devices that generate strong electromagnetic fields. Moreover, do not use near televisions or AM radio.

- **To prevent condensation**
  You can avoid condensation by placing the equipment in an airtight, sealable plastic bag and allow for adjustment to temperature changes gradually before removing from the bag.
  In the event that condensation does form within the equipment, keep it at room temperature until the water droplets evaporate naturally before use.

Specification

All data is measured according to standard Canon testing procedures. We reserve the right to change specifications without notice.

Compact Photo Printer SELPHY ES2/ES20

Printing Method	Dye-sublimation thermal transfer (with overcoating)	
Print Resolution	300 x 600 dpi (300 x 300 dpi : When a PC is connected, 2-up and higher layout or Creative Print is selected)	
Gradation	128 shades per color (300 x 600 dpi) 256 shades per color (300 x 300 dpi)	
Ink	Dedicated ink and paper integrated cartridge Color (Y, M, C and overcoating) Black & White (Black & White and overcoating, Postcard size only)	
Paper	Dedicated paper (Postcard size, L size, Card size (including full-sized label sheet))	
Print size	Borderless	Bordered
Postcard size	100.0 x 148.0 mm (3.9 x 5.8 in.)	91.0 x 121.9 mm (3.6 x 4.8 in.)
L size	89.0 x 119.0 mm (3.5 x 4.7 in.)	78.2 x 104.9 mm (3.1 x 4.1 in.)
Card size	54.0 x 86.0 mm (2.1 x 3.4 in.)	49.5 x 66.0 mm (2.0 x 2.6 in.)
Printing Speed	Printing from Memory Cards	Connected to Cameras[*1]
Postcard size	Approx. 1 min. 9 sec.	Approx. 1 min. 9 sec.
L size	Approx. 1 min. 1 sec.	Approx. 1 min. 1 sec.
Card size	Approx. 53 sec.	Approx. 53 sec.
Feeding system	Automatic paper feed from the cartridge	
Ejection system	Automatic paper ejection to the print receptacle on top of the printer (Message is displayed when the receptacle is full.)	
LCD monitor	TFT color LCD (ES2: 3.0-inch type with tilt-up / ES20: 2.5-inch type)	
Interface		
USB	Connecting to PictBridge compliant devices/ a Canon Direct Print compliant camera: USB compliant Type A connector Connecting to a PC: USB compliant Type B connector	
Wireless	IrDA[*2] (Print Beam) (SELPHY ES2 only) / Bluetooth (Print Beam)[*3]	

Memory Cards	SD Memory Card, miniSD Card, microSD Card*4, SDHC Memory Card, miniSDHC Card, microSDHC Card*4, MultiMediaCard, MMCplus Card, HC MMCplus Card, MMCmobile Card*4, MMCmicro Card*4, RS-MMC Card*4, CF (CompactFlash) Card, Microdrive, xD-Picture Card*4, Memory Stick, Memory Stick PRO, Memory Stick Duo, Memory Stick PRO Duo, Memory Stick micro*4
Operating Temperatures	5 - 40 °C (41 - 104°F)
Operating Humidity	20 - 80%
Power Source	Compact Power Adapter CA-ES 100
Power Consumption	70 W or less (4 W or less on standby)
Dimensions	213.4 x 189.6 x 130.9 mm (8.4 x 7.5 x 5.2 in.)
Weight (printer only)	ES2: Approx. 1955g (69.0 oz.) / ES20: Approx. 1865g (65.8 oz.)

*1 When connected to a Canon digital camera equipped with DIGIC III.
*2 IrSimple is not supported.
*3 Bluetooth Unit BU-20 sold separately is required.
*4 Specialized adapter is required.

Compact Power Adapter CA-ES100

Rated Input	AC 100 - 240 V (50/60 Hz) 1.2 A (100 V) - 0.6 A (240 V)
Rated Output	DC24 V, 2.3 A
Operating Temperature	0 - 40 °C (32 - 104 °F)
Dimensions	134.0 x 67.5 x 34.0 mm (5.3 x 2.7 x 1.3 in.) (excluding cable)
Weight	Approx. 295 g (10.4 oz.)

Battery Pack NB-ES1L (sold separately) (SELPHY ES2 only)

Type	Lithium ion battery
Nominal Voltage	DC 22.2 V
Nominal Capacity	2000 mAh
Charge Cycles	Approx. 300 times
Number of prints*	Postcard size paper: Approx. 50 sheets
	L size paper: Approx. 50 sheets
	Card size paper: Approx. 100 sheets
Operating Temperatures	5 - 40 °C (41 - 104 °F)
Dimensions	140.0 x 60.0 x 22.0 mm (5.5 x 2.4 x 0.9 in.)
Weight	Approx. 335 g (11.8 oz.)



Troubleshooting

This section has solutions for when the printer does not function as expected or an error symbol is displayed.

You Think There is a Problem

If the solutions below do not remedy your problem, contact the retail outlet or a Canon customer support center.

Printer and Power Source

Power will not turn on

- **Has the plug come out of the power outlet? (p. 22)**
- **Is the connector of the compact power adapter securely connected to the printer's DC IN terminal? (p. 22)**
- **Did you try pressing ⏻ for a long time? (p. 26)**

Battery Pack

- **Is the battery sufficiently charged? (p. 74)**
- **When installing it, did you press on the battery until it clicked into place? (p. 73)**

Printing Problems

Cannot Print

- **Is the printer power turned on? (p. 26)**
- **Is the printer connected to more than one device?**
  Do not simultaneously connect to a camera, memory card or computer.
- **Is the cartridge loaded correctly? (p. 17)**
- **Is the ink sheet slack? (p. 17)**
- **Has the printer overheated?**
  The printer will temporarily stop when it exceeds a certain temperature. This is not a malfunction. Wait until the temperature drops and the printer resumes. A message will appear on the computer display if you are connected to a computer when this happens, but you should wait until printing resumes without cancelling the print.

Printing from Memory Cards

- **Is the memory card inserted all the way into the slot with the label facing upward? (p. 25, 26)**
- **Do the images conform to the Design rule for Camera File system? (p. 24)**
- **Some memory cards require a specific adapter. Have you inserted the memory card directly into the card slot without first inserting the card into the adapter?**

Printing from Cameras

- **Is the printer connected to the camera correctly? (p. 53)**
- **Does the firmware of the Canon-brand camera support the printer?**

Cannot Print (continued from previous page)

- **Does the camera battery have sufficient charge?**
  Replace the battery with a fully charged (or new) battery, or use the compact power adapter for the camera.

Printing from Computers

- **Did you install the printer driver according to the correct procedures? (p. 62, 65)**
- **Is the printer connected directly to a port on the computer with the USB cable?**
  The printer may not operate correctly if it is connected to a USB hub.

Problems Exclusive to Windows

- **Is the printer set to offline?**
  Right-click the printer icon and cancel the offline setting.

Problems Exclusive to Macintosh

- **Is the printer registered on the Printer List? (p. 65)**

Image Does not Appear when Memory Card is Inserted

- **Is the memory card inserted all the way into the correct slot with the label facing up? (p. 25, 26)**
- **Do the images conform to the Design rule for Camera File system? (p. 24)**
- **Some memory cards require a specific adapter. Have you inserted the memory card directly into the card slot without first inserting the card into the adapter?**

Cannot Print the Date

Printing from Memory Cards

- **Is the date imprint option set? (p. 46)**
  If you are using DPOF settings, the date imprint settings are configured on the camera.

Printing from Mobile phones

When using IrDA or Bluetooth, the date will not be printed.

Printing from Cameras

- **Is the date imprint option set to [Off] on the camera?**
  If the setting is [Default], the printer settings are reflected.

Cannot Print Cleanly

- **Is the ink sheet or paper dirty?**
- **Is dirt lodged within the printer? (p. 82)**
- **Has condensation formed within the printer?**
  Leave it to dry at room temperature for a while.
- **Is it placed near a device with a strong electromagnetic or magnetic field?**
  Set it at least one meter (3 ft.) apart.

Colors on the Computer Display and the Print Are Different

- **Color generation methods are different for computer displays and printers. Moreover, the variance may be attributable to the environment in which the display is viewed (color and strength of the light), or to the display's color adjustment settings.**

After using the computer to cancel a print in progress, an image that had already been printed was printed again when resumed printing.

- **Are you using a Macintosh computer?**
  When you restart printing on a Macintosh after canceling, an already printed image may print again when printing resumes.

Paper Problems

Frequent Paper Jams

- **Has too much paper been left in the print receptacle?**
  Do not leave more than 50 sheets in the print receptacle.
- **Has the ejected paper fallen over?**
  Paper jams occur if ejected paper falls over (lean forward). Remove the jammed paper.

Cannot Print the Specified No. of Prints.

- **Is the printer's power being turned on and off repeatedly?**
  The printer initialization consumes ink. There may not be enough ink left for the allotted sheets in the set.
- **Is the ink sheet being pulled?**
  Do not forcefully pull out the ink sheet.

Print is not Ejected.

- **Has paper jammed inside the printer?**
  Remove the jammed paper.
- **Is the print receptacle cover open?**
  If the print receptacle cover does not open automatically and paper gets jammed, press the print receptacle button on the left side of the operation panel to open the print receptacle cover and remove the jammed paper.

Error Messages

The ON button of the printer blinks or lights red and a message is displayed on the LCD monitor if any error occurs during printing. If a problem occurs while the printer is connected to the camera, the camera's LCD monitor may display an error message.

ON Button

Blinks red

- **An error (e.g. paper jam) preventing printing from restarting has occurred. Turn the printer off then back on again, and try printing again.**
- **There is a problem with the battery and it cannot be charged. Replace with a different battery, or use a compact power adapter for the printer (ES2 only).**

Blinks orange

- **Battery pack depleted. Change it with a fully charged battery pack or recharge the current battery pack. You can also use the printer's compact power adapter.**
- **Temperature is not within the operating temperature range for charging (ES2 only). Charge within 5 - 40 °C (41 - 104 °F).**

Lights red

- **Check the error message on the LCD monitor.**

LCD Monitor

No paper/ink

- **Check that the cartridge is correctly installed.**
- **Make sure that the cartridge contains paper/ink.**
- **If paper is not feeding correctly, remove the cartridge, and manually remove any paper remaining in the printer.**

Paper jam

- **Press the ◯ (BACK) to eject the paper. If the paper is not ejected, turn the power off and turn it on again. If the printer fails to eject the paper, contact a Canon Customer Support center for assistance.**

Ink Error

- **Remove the cartridge from the printer, take up the slack in the ink sheet, and then reload the cartridge. If the cartridge is stuck in the printer, contact a Canon Customer Support center for assistance.**

Recharge the printer battery

- **Change it with a fully charged battery pack or recharge the battery pack. You can also use the printer's compact power adapter.**

Cannot print! / Could not print XX images

- **The following images cannot be printed.**
  - An image with a data size that is too big. Images larger than 8000 x 8000 pixels cannot be printed
  - An image that is corrupted
  - An image other than JPEG
- **When you want to print an image with the printer connected to the camera, check if the size of the image matches the recording pixels of the image in the camera. If the size is not appropriate, resize the image and convert it as necessary to a JPEG image that the camera can display.**
- **Limit the size of image files to less than 8000 x 8000 pixels.**

No Image.

- **Check whether there are images recorded on the memory card.**
- **Check whether readable image data are recorded on the memory card.**
- **The image file name (folder name) sometimes cannot be recognized if it contains double-byte characters (Japanese, Chinese or Korean). Change double-byte characters to single-byte alphanumeric characters.**
- **Print data that has been edited or processed on a personal computer from the personal computer.**

Hardware Error

- **Check if there are other problems than cartridge problems.**
- **Turn the printer and camera power off, then turn on again. If the error message does not clear, contact a Canon Customer Support center for assistance.**

Cartridge cover is open

- **Close the cartridge cover. If the error message does not clear, turn the power off and on again.**

This camera cannot print B/W
Insert memory card to print

- **Black and white printing is not possible when a camera is connected (except when (PictBridge) is displayed on the LCD monitor of the camera). Insert a memory card to print.**

Cartridge has been changed

- **The cartridge was changed for a cartridge of a different size after the print menu was displayed. Insert a cartridge of the same size or change the print settings.**

Cartridge has been changed Trim Setting Adjusted

- **If the cartridge is changed after the trimming setting have been made, the printer automatically sets the trimming frame again to fit the paper size.**

Cartridge not compatible

- **Use a cartridge that is compatible with this printer.**

Communication error

- **Turn the printer, camera and computer power off, then turn on again.**
- **Check the Printing Images When Connected with Camera section (p. 53). If the error message continues to display, contact a Canon Customer Support center for assistance.**

Disconnected

- **Make sure that the printer and the sender are in appropriate distance.**
- **Check the sender's power supply.**

Print output tray is full

- **Remove accumulated paper from the print receptacle.**

Cartridge incorrectly inserted or not loaded

- **Load the cartridge.**
- **Remove the cartridge and insert the cartridge all the way, then close the cartridge cover.**

Image too large.

- **Images larger than 8000 x 8000 pixels, or 32 MB or larger files cannot be played back. Select another image.**
- **When printing from a mobile phone (wirelessly), the maximum image file size that can be transmitted is 3 MB (maximum file size varies depending on the mobile phone).**

Incompatible JPEG

- **You attempted to play back or print an incompatible JPEG image. Select another image.**

Memory card error

- **Memory card has experienced an anomaly. Use another memory card.**
- **A memory card adapter without an inserted memory card has been inserted. Be sure to insert a memory card into the adapter before inserting it into the printer. If an empty adapter had been inserted, remove the adapter and turn the printer's power off and on again.**
- **Some memory cards require a specific adapter. You have inserted the memory card directly into the card slot without first inserting the card into the adapter.** **(p. 25)**

Unidentified Image

- **You attempted to play back or print an image with corrupted data, an image recorded in a foreign camera or data type, or an image that has been edited on a computer. Select another image.**

Cannot magnify !

- **You attempted to magnify an image with corrupted data, an image recorded with another camera or data type, or an image that has been edited on a computer, or a movie. Select another image.**

Too many marks

- **Too many images have been marked with print settings. Mark 998 or less images.**

Cannot trim

- **You attempted to trim an image smaller than 640 x 480 pixels or an image with a width-to-height ratio narrower than 16:9. Select another image to trim.**

Image not compatible

- **You attempted to put a speech bubble in an image smaller than 320 x 240 pixels or an image with a width-to-height-ratio narrower than 16:9. Select another image size that allows speech bubbles to be set.**

Device Not Supported

- **This displays when you attempt to connect an unsupported USB device, e.g. USB memory. Disconnect the USB device.**
- **This displays when your attempt to transfer an image from a mobile phone using IrSimple. If you mobile phone supports another transfer method, switch to that method and transfer the image.**

Device Not Supported (HUB)

- **You attempted to connect an unsupported USB connector, e.g. a USB hub. Disconnect the USB hub.**

Index

Numerics

1-up 49
2-up 49
4-up 49
8-up 49

A

Accessories 9
Adjust Image 50
Air Vents 11
Auto Optimize 47
Auto Play 30
Auto Power Down 79
Auto Rotate 79

B

B/W 51
BACK Button 13, 30
Basic Printing 27
Battery 9, 73
Battery Cover 11, 73
Battery Cover Lever 11, 73
Bluetooth
  BU-20 9
  Print 57
  Settings 79
Borders 47
Brightness 50

C

Calendar 31, 35
Card Slot 10, 26
Card Slot Cover 10
Carrying Handle 11, 83
Cartridge 9, 17
Cartridge Compartment 10
Cartridge Cover 10
Cartridge Cover Lever 10
Cartridge Lever 10
Cleaner Unit 8, 82
Cleaning 82
Clip Art 31, 34
Compact Photo Printer Solution Disk 8, 62
Compact Power Adapter (CA-ES100) 8, 22, 74
Contrast 50
Controls 12
COPIES Button 13, 27
Correct Red-Eye 47
CREATIVE Button 12
Creative Print 31

D

Darker Skin 51
Date 47
Date Format 47
DC IN (power entry) Terminal 11
Deny Access 79
Device name 79
Direct Print 54
DISP. Button 12, 14
DPOF Print 29

E

Easy Photo Pack 9
Easy-Scroll Wheel 13, 16
EDIT Button 12
Enlarge/Reduce Button 12, 13
Error Messages 96

F

Fade 79
Faded Edges 42
File No. 47
Fixed Size 49
Frames 31, 33

H

Handling Precautions 87

I

ID Photo 31, 39
Image Effects 31, 42
ImageBrowser 69
Index 49
Indicator Lamp 10
Infrared data communication 56
Infrared Data Receiver 10
IrDA 56

J

Jump Function 15

L

Language 79, 81
LCD Monitor 13
Lighter Skin 51

M

Main Display 13
Memory Cards 25
MENU Button 12
Movie Print 31, 41
Multi Layout 31, 37
Multi View 13
My Colors 47, 51

N

Neutral 51

O

ON Button 12, 26

P

Page Layout 47, 49
Paper-handling Slot 10
Passkey 79
PictBridge 52
Positive Film 51
Power Cord 8, 22
Power Lamp 12
Print All Photos 28
PRINT Button 13
Print Receptacle (Output Tray) 10
Print Receptacle Button 10
Print Receptacle Cover 10
Print Settings 46
Printer Driver 62, 65
Printer Setup 78

R

Reset 79
Reset All 79

S

Safety Precautions 84
Security 79
Sepia 51
SET Button 13
Sharpness 50
Single View 13
Soft Edges 42
Soft Focus 42
Software 64, 68, 69
Specification 89
Speech Bubble 31, 38
Star Lights 42
System Requirements 60

T

Terminal Cover 11
Transition Effects 79
Trial Cartridge 8
Trimming 44
Troubleshooting 92

U

Ulead Photo Express LE 69
Up/Down/Left/Right Button 13
USB Terminal for Camera Connection 11, 53
USB Terminal for PC Connection 11

V

Vivid 51
Vivid Blue 51
Vivid Green 51
Vivid Red 51

W

Wipe 79

Y

You Think There is a Problem 93

Z

ZoomBrowser EX 69

Canon

- Microsoft, Windows Vista and the Windows Vista logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.
- Macintosh, the Mac logo, Quick Time and the QuickTime logo are trademarks of Apple Computer, Inc., registered in the U.S. and other countries.
- The SDHC logo and miniSDHC logo are trademarks.
- Corel, the Corel logo, Ulead and Ulead Photo Express are trademarks or registered trademarks of Corel Corporations and/or its subsidiaries.
- Portions of the code used in this firmware are based in part on the work of the Independent JPEG Group.

- No part of this guide may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language in any form, by any means, without the prior written permission of Canon.
- While every effort has been made to ensure that the information contained in this guide is accurate and complete, no liability can be accepted for any errors or omissions. Canon reserves the right to change the specifications of the hardware and software described herein at any time without prior notice.
- Canon makes no warranties for damages resulting from corrupted or lost data due to a mistaken operation or malfunction of the camera, the printer, the software, the memory cards, personal computers, peripheral devices, or use of non-Canon memory cards.